General Land Office • Original Field Notes

Book Number

781

W.W. Alt Subdivision of T 21 N - R 41 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 Ex CK/RH 7-17-1903

(4—679.)

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

FIELD NOTES

OF THE SURVEY OF

Subdivision and Claim Lines

of

Township No. 21 N., Range 41 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 September 5, 1895.

Survey completed November 8, 1895.

No timber. Sand and bunch grass.

Names and Duties of Assistants.

Clarence P. Haggard, Chainman
Sidney Blout, Chainman
James G. Grover, Flagman
James C. Rosengren, Mounidman
Albert H. Andrews, Mounidman.
Theodore Neeland, Flagman

INDEX DIAGRAM.

Township 21 N, Range 41 W

6	5	4	29	3	20	2	10	1
				28		19		10
7	8	9	27	10	18	11	8	12
				27		17		8
18	17	16	26	15	16	14	6	13
				25		15		5
19	20	21	24	22	14	23	5	24
				23		14		4
30	29	28	22 31 Grass 32 30 31	27	13	26	3	25
				21		12		2
31	32	33	20	34	11	35	1	36

N. line established from a pile of [illegible] — [illegible] line

Meanders Page

No lumber: Sand and bunch grass.

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 .... } ...., Axeman.

day of ...., 18 . } ...., Axeman.

....

....

The preliminary Oaths [illegible] book of the [illegible] and claim lines of [illegible] R 3[illegible]

Subdivision of T. 21 N. R. 41 W.

Chains.	
	The directions of the initial meridional section lines of this Tp. are referred to the line run as tangent to the 5th Standard Parallel, in the re-survey of that line through this range.
	From the standard cor. of secs. 35 and 36 on S. bdy of the Tp.: heretofore described I run
	N. 0°09'E. bet. secs. 35 and 36.
	Descend gently over rolling land.
13.00	Enter level land: bears N. 60° W. and S. 40° E.
35.00	Leave level land at foot of range; bears S. 70° W. and S. 60° E.; ascend gradually along S. slope of range.
39.00	Top of ascent 30 ft. high: thence along SE. face.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor.; 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	Top of ascent 50 ft high: thence over rolling land along top of range.
60.00	Begin gradual descent along N. slope of range.
76.00	Bottom of descent at foot of range: 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 18x18 x12 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
	T21N S 25, on NE.
	R41W S 36, on SE.
	S 35, on SW. and
	S 26, on NW. faces with 1 notch on S. and E. edges.
	Land, rolling and hilly.
	Soil, sandy; 3rd rate.
	No timber: Sand and bunch grass.

Subdivision of T. 21 N. R. 41 W, continued.

Chains.	
	S. 89° 55' E. on a random line bet. secs. 25 & 36.
40.00	Set temp. ¼ sec. cor.
79.78	Intersect E. bdy of Tp. 3 lks S. of the cor of secs 25. 30. 31. and 36.
	Thence I run
	N. 89° 56' W. on true line bet. secs. 25. and 36.
	Ascend along E. face of ridge.
1.75	Top of ridge. 10 ft above cor: bears N. & S.
	thence along S. slope of range over low ridges and ravines.
35.00	Foot of sand bluff.; ascend abruptly along E. slope.
37.00	Top of bluff 40 ft high: descend along Sw slope.
39.89	Deposited a chained stake 12 ins in the ground for ¼ sec. cor.; 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 E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
	¼ S, on W face.
44.00	Bottom of descent; thence over low ridges.
48.00	Begin abrupt ascent along SE. slope of ridge.
56.00	Top of ridge 50 ft above ¼ sec. cor.; bears NW. & SE. thence, along S. face of range.
68.00	Begin gradual descent along Sw. slope of range.
79.78	The cor. of secs. 25, 26, 35, and 36.
	Land. broken sand hills.
	Soil. sandy; 3rd rate.
	No timber. — Sand and bunch grass

Subdivision of T. 21 N., R. 41 W. continued.

Chains	
	N. 0° 09' E. bet. secs. 25 and 26.
	Ascend along S.W. slope of range.
7.00	Top of ascent 50 ft. high: thence along W. face of range.
15.00	Begin gradual descent along N.W. slope of range.
40.00	Deposited a chained stake 12 ins. in the ground for ¼ sec. cor. bet secs 25 & 26: 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 W. face:
42.00	Bottom of descent at foot of range bears S. 60° W, and N. 60° E.; ascend gradually along S. E. slope.
55.00	Top of ascent on ridge 40 ft high: bears NW. & SE.; descend along NE. face of ridge.
58.00	Bottom of descent in circular depression 10 ft deep.; ascend over rolling land along S. face of range.
70.00	Top of range 100 ft high: bears NE. & SW.
77.00	Begin gradual descent along N. slope
80.00	Deposited a chained stake 12 ins in the ground for cor of secs 23. 24. 25. and 26.; dug pits 18×18×12 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 21 N S 24. on NE.
	R 41 W S 25, on SE.
	S 26. on NW. and
	S 23. on NW. faces. with 2 notches on S. and 1 on E. edges.
	Land. hilly.
	Soil. sandy; 3rd rate.
	No timber: Sand and bunch grass.

Subdivision of T. 21 N. R. 41 W. continued

Chains	
	S. 89°56' E., on a random line bet. secs. 24 & 25.
40.00	Set temp ¼ sec cor.
79.80	Intersect E. bdy. of Tp. 19 ½ N. of the cor of secs 19. 24, 25, & 30.
	Thence I run
	N. 89°48' W., on true line bet. secs 24 & 25.
	Descend gradually along SW. slope of range.
33.00	Bottom of descent at foot range of low hills. ascend along NE. slope.
39.90	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.
43.50	Top of ascent on ridge 20 ft high; bears N. and S. descend along W. slope.
56.00	Bottom of descent in depression; bears N & S. begin ascent along NE. slope of range over low ridges and ravines.
75.00	Top of ascent 50 ft high, on N. slope of range descend slightly.
79.80	The cor of secs 23. 24. 25 & 26.
	Land hilly.
	Soil, sandy; 3rd rate.
	No timber: Sand and bunch grass.

Subdivision of T. 21 N. R. 41 W. continued

Chains	
	N. 0°09' E. bet. secs. 23 & 24.
1.00	Descend gradually along N. slope of range
14.00	Bottom of descent 40 ft below cor.; enter rolling valley; bears N 70° W. and S. 70° E.
37.00	Leave valley; begin ascent along SW. slope of range.
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.
43.50	Top of ascent 50 ft high; thence descend gradually along SW. slope of range. over low ridges and ravines.
72.00	Bottom of a ravine 15 ft deep. bears E. & W. ascend along S. slope of ridge.
75.00	Top of ridge E. & W. descend.
80.00	Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground for cor of secs 13. 14. 23. and 24. marked T 21 N S 13. on NE. R 41 W S 24. on SE. S 23. on SW. and S 14. on NW. faces. with 3 notches on S. and 1 on E. edges. 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, very hilly.
	Soil, sandy; 3rd rate
	No timber: Sand and bunch grass.
	S. 89°48' E. on a random line bet. secs 18 & 24.
40.00	Set temp ¼ sec cor.
79.82	Intersect E. bdy of Tp 20 ½ N. of the cor of secs 13. 18. 19. and 24.
	Thence I run
	N. 89°36' W. on a true line bet secs 13 & 24.

Subdivision of T. 21 N., R. 41 W.

Chains	
	Descend along NW. slope of range.
21.00	Bottom of descent, foot of range bears N. 60° E. and S. 60° W.; ascend along SE. slope over broken land
39.91	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.
50.00	Top of ascent 75 ft high; thence ascend
60.00	Top of range 100 ft high: bears N. 60° E. and S. 60° W.; descend along NW. slope.
79.82	The cor of secs 13. 14. 23. & 24.
	Land, hilly.
	Soil, sandy: 3rd rate.
	No timber — Sand and bunch grass.

N. 0° 09' E. bet. secs. 13 and 14.
Over rolling land along W. slope of range.

18.00	Begin gradual descent along NW. slope.
34.40	Trail; bears N. 70° E. and S. 70° W.
39.00	Bottom of descent, at foot of bluff. bears E. and W.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bets 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.
	Ascend abruptly along SE. slope of bluff.
45.00	Top of ascent 75 ft high; ascend along SE. face of range.
49.00	Top of ascent: begin descent along NE. slope.
55.00	Bottom of descent 40 ft deep, ravine or pass: bears NW. & SE.; ascend along SW. slope of ridge.
66.50	Top of ridge 100 ft above valley: bears NW. and SE.: descend along NE. slope.

Subdivision of T. 21 N., R. 41 W.

Chains	
72.00	Foot of high sand ridge: ascend abruptly along SW. slope.
73.40	Top of ridge 40 ft high: bears NW. & SE.
74.70	Begin descent.
76.00	Bottom of sand blowout. 30 ft deep.; ascend along SW. slope of ridge.
77.50	Top of sand ridge: thence descend along NW slope of range over broken land.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 11. 12. 13. and 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 SE. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked T21NS12. on NE. R41WS13. on SE. S14. on SW and S11. on NW. faces. with 4 notches on S. and 1 on E. edges.
	Land, hilly.
	Soil, sandy: 3rd & 4th rate.
	No timber; — Sand and bunch grass.

Subdivision of T. 21 N. R. 41 W.

Chains.	
	S. 89°36' E. on a random line bet. secs. 12 & 13.
40.00	Set temp ¼ sec cor.
79.90	Intersect E. bdy. of Tp. 12 lks S. of the cor of secs 7. 12. 13. and 18.
	Thence I run
	N. 89°41' W. on true line bet. secs 12 & 13.
	Descend over rolling land.
3.00	Bottom of descent 20 ft below cor. ascend abruptly.
5.00	Ridge, 20 ft high bears N. & S.; thence over low sand ridges.
27.05	Trail to C. F. Gross'es Ranch, bears N. 20° E. and S. 20° W.
34.00	Foot of range; ascend along NE. slope over low ridges.
39.95	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 12-13, 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 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	Top of ridge, bears NW. & SE.
	thence along top of range over very broken ~~land~~.
77.00	Ridge, 100 ft above valley; bears NW. & SE. descend along W. slope of range over broken land.
79.90	The cor. of secs. 11. 12. 13. & 14.
	Land, broken and hilly.
	Soil, sandy: 3rd and 4th rate.
	No timber. — Sand and bunch grass.

	N. 0°09' E. bet. secs. 11 & 12.
	Ascend abruptly along S. slope of ridge.
1.00	Top of ridge, 80 ft high; thence along W. slope of ridge.
4.00	Begin descent along N. face of range, over broken land.
27.00	Begin gradual descent.

Subdivision of T. 21 N. R. 41 W.

Chains	
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor. bet secs 11-12; 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 W. face
46.00	Bottom of descent, enter valley; bears S. 60° E. and West.
75.00	Leave valley, foot of range bears S. 80° E. and N. 80° W.; ascend abruptly along SE. slope.
77.00	Top of abrupt ascent, 50 ft high; thence ascend gradually along SE. face of range.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 1. 2. 11. & 12. dug pits 18×18×12 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
	T21NS1, on NE.
	R41WS12 on SE
	S11. on SW, and
	S2. on NW faces with 5 notches on S. and 1 on E. edges.
	Land, hilly and rolling.
	Soil, sandy: 3rd rate.
	No timber; — Sand and bunch grass.
	September 5, 1895

Subdivision of T. 21 N., R. 41 W.

Chains	
	S. 89° 41' E. on a random line bet. secs 1 & 12.
40.00	Set temp ¼ sec. cor.
79.90	Intersect E. bdy. of Tp. 12 lks S. of the cor. of secs. 1, 6, 7 and 12
	Thence 1 mile
	N. 89° 46' W. on true line bet. secs. 1 & 12.
	Ascend abruptly along SE. slope of high range.
10.00	Top of ascent 150 ft. above valley. on S. face of bluff.: thence along S. face of range.
22.00	Top of ascent; descend along SW. slope of range.
39.95	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. 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	Bottom of descent, in neck of valley.
71.00	Leave valley, begin ascent along S.E. slope of range.
79.90	The cor of secs. 1. 2. 11. and 12.
	Land, hilly and rolling.
	Soil, sandy; 3rd rate.
	No timber: Sand, and bunch grass.
	Sept. 8, 1895

N. 0° 09' E. on a random line bet. secs. 1 & 2.

40.00	Set temp ¼ sec. cor.
79.58	Intersect N. bdy of Tp. 24 lks E. of the cor of secs 1. 2. 35. and 36.
	Thence 1 mile
	S. 0° 01' E. on true line bet. secs. 1 & 2.
	Ascend gradually along NW. slope of range.
19.50	Top of ascent 50 ft high on range, bears E & W.
	thence along top of range.
34.50	Begin descent along SE. slope of range.
37.50	Bottom of descent in basin 30 ft below: thence over rolling land: bears E. and W.

Subdivision of T. 21 N. R. 41 W.

Chains	
39.58	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 1-2 I 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 dep't sit. 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 N. slope of range.
59.60	Top of ascent on range 50 ft high; thence over rolling land.
72.20	Top of sand peak 20 ft high; descend along SE. face of range.
76.00	Begin gradual descent along SE. slope of range.
79.58	The cor of secs. 1. 2. 11. & 12.
	Land, hilly.
	Soil, sandy; 3rd rate.
	No timber. — Sand and bunch grass.

From the standard cor of secs. 34 & 35. on the S. bdy of Tp. heretofore described.

	I mile
	N. 0° 08' E. bet. secs. 34 and 35.
	Ascend along E. face of bluff.
11.00	Begin abrupt ascent along S. slope of range
16.60	Top of bluff. 75 ft high; thence ascend along SE. face of range.
31.00	Top of ascent on range 100 ft high; bears NE. & SW.
36.00	Descend along N.E. slope.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 34-35 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.
	Ascend along N. E. slope.
62.00	Top of ascent 50 ft above ¼ sec cor.
	descend along NE. slope of range.

Chains.	
77.50	Bottom, 50 ft below: thence over low hills
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 21 N S 26. on NE. R 41 W S 35. on SE. S 34. on SW. and S 27. on NW faces with 1 notch on S. and 2 on E. edges.
	Land, hilly, very broken.
	Soil, sandy; 3rd rate.
	No timber: — Sand and bunch grass.

	S. 89° 55' E. on a random line, bet. secs. 36 & 35.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. & S. line at the cor of secs 25. 26. 35. & 36.
	Thence I run
	N. 89° 55' W. on a true line bet. secs. 26. & 35.
	Over rolling bottom land.
38.00	Begin gradual ascent over low foot hills.
40.00	Deposited a charred 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.
48.00	Leave low hills, enter rolling bottom land.
71.00	Foot of bluff; bears N. & S.; ascend abruptly along E. slope.
75.00	Top of bluff. 50 ft high; thence ascend gradually along S. face over rolling land.
80.00	The Cor. of secs. 26. 27. 34. and 35.
	Land, rolling and hilly.
	Soil, sandy; 3rd rate.
	No timber: — Sand and bunch grass.

Chains.	
	N. 0° 08' E. bet. secs 26 & 27.
	Ascend along S. slope of range.
10.00	Top of ridge, 20 ft high; bears E. & W. thence over broken land on top of range.
30.00	Begin descent along N. slope of range.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 26-27; 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.
58.00	Enter valley; bears E. and W.
73.50	Leave valley, foot of range below hills bears S. 70° E. and N. 70° W.; ascend gradually
76.50	Ridge 20 ft high; bears E. and W.
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 21 N S 23. on NE. R 41 W S 26. on SE. S 27. on SW. and S 22. on NW. faces, with 2 notches on S. and E. edges.
	Land, rolling and hilly.
	Soil, sandy: 3rd rate.
	No timber. Sand and bunch grass.

Subdivision of T. 21 N. R. 41 W.

Chains.	
	S. 89° 55' E. on a random line bet. secs. 23 & 26.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. & S. line 3 lks S. of the cor of secs 23. 24. 25. and 26.
	Thence I run
	N. 89° 56' W. on true line bet. secs 23 & 26.
	Ascend along NE. slope of range.
13.50	Top of ascent on ridge 50 ft above cor. bears N. 30° W. descend along SW. slope.
39.00	Ravine, bears N. & S.
40.03	Deposited a channel 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 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.
40.50	ascend along SE. slope of range over low rolling hills.
69.00	Ridge, bears N. 20° W., and S. 20° E. 20 ft high. descend along SW. slope of range, over low rolling hills.
80.06	The cor. of secs 22. 23. 26. and 27.
	Land hilly.
	Soil. sandy; 3rd rate.
	No timber; Sand and bunch grass.

N. 0° 08' E. bet. secs. 22 and 23.
Ascend along S. slope of range of low hills.

6.00	Top of ascent on E. face of ridge. 50 ft above cor.; descend along NE. slope.
24.00	Bottom of descent, in a ravine: bears N. 60° E. and S. 60° W. Thence over broken land, ridges and ravines.
40.00	Deposited a channel stake 12 ins in the ground for ¼ sec cor. but sec 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

Subdivision of T. 21 N. R. 41 W.

Chains	
	¼ S, on W. face
	This cor is situated at foot of steep round ridge ascend abruptly NE. slope.
43.00	Top of ascent 30 ft high; bears N. 60° W., and S. 60° E.
44.00	Begin descent along N.E. face of ridge.
46.00	Bottom of descent: thence along N. face of range.
56.00	Begin gradual descent along N. slope.
80.00	Deposited a channel stake 12 ins in the ground for cor of secs 14. 15. 22. and 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. In S.E. pit drove an oak stake 2 ft long. 2 ins. sq. 12 ins. in the ground marked
	T 21 N S 14. on NE.
	R 41 W S 23. on SE.
	S 22. on SW. and
	S 15. on NW. faces. with 3 notches on S. and 2 on E. edges.
	Land hilly.
	Soil. sandy; 3rd rate.
	No timber: sand and bunch.

S. 89° 56' E. on a random line bet. secs. 14 & 23.

40.00	Set temp ¼ sec cor.
80.02	Intersect N. & S. line 12 lks. S. of the cor of secs 13. 14. 23. and 24.
	Thence I run
	S. 89° 59' W. on true line bet. secs. 14 & 23.
	Descend along N. slope of range; gradually.
24.00	Enter level bottom land; bears E. & W.
40.01	Deposited a channel 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.
	Over level land.

Subdivision of T. 21 N., R. 41 W.

Chains	
80.02	The cor. of secs. 14. 15. 22. and 23. Land: level, and hilly Soil, sandy: 3rd rate. No timber. — Sand and bunch grass.
	N. 0°08' E. bet. secs. 14 & 15. ascend slightly.
0.55	Trail: from C. F. Grosses ranch, to Hyannis.
9.00	Foot of range: bears E. and W.: ascend gradually along S. face of range over rolling land.
24.00	Ridge, 20 ft high: bears NW. and SE. thence over rolling land along top of range.
37.00	Begin descent along N. slope of ridge.
40.00	Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. 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 W. face. ascend along SW. slope of range; abruptly.
45.50	Top of ascent, on E face of ridge: bears NW & E. 30 ft above ¼ cor. descend along NE. slope of ridge, over rolling land.
49.00	Bottom of descent in small depression 20 ft deep. thence ascend along W. face of range over low ridges and ravines.
78.50	Top of ascent, on range: bears E. & W.; descend slightly along N. W. slope.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs. 10. 11. 14. and 15.; dug pits 18×18×12 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 21 N S 11. on NE. R 41 W S 14. on SE. S 15. on SW. and S 10. on NW. faces. with 4 notches on S.

Subdivision of T. 21 N., R. 41 W.

Chains	
	and 2 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. 11 & 14.
40.00	Set temp ¼ sec cor.
80.16	Intersect N & S. line 28 lks N. of the cor of secs 11. 12. 13. and 14. Thence I run N. 89°49' W. on true line bet. secs 11 & 14. ascend slightly.
1.75	Top of ascent; descend along N. slope of range.
23.00	Bottom of descent 75 ft. below cor.; thence over rolling land;
40.08	Deposited a charred stake 12 ins in the ground for ¼ sec cor.; 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 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 NE. slope of range.
55.00	Top of ridge 75 ft above ¼ cor.; bears N. 20° W. thence descend along SW. slope of ridge.
76.50	Ravine 20 ft. deep: bears N & S: ascend along NE. slope of ridge.
79.00	Top of ascent on ridge; bears N & S; descend gently along N. W. slope of range.
80.16	The cor of secs 10. 11. 14, and 15. Land; hilly. Soil. sandy; 3rd rate. No timber. — Sand and bunch grass.

Chains	
	N. 0° 08' E. bet. secs. 10 & 11.
	Descend along N.E. slope of range.
32.00	Bottom of descent in W. end of basin.
36.00	Foot of bluffs.; bears N. 60° E. and S. 60° W.
	ascend abruptly along S.E. slope.
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 stake 2 ft long 2 ins
	sq. 12 ins in the ground. marked
	¼ S., on W. face.
40.50	Top of ascent 75 ft above bottom. thence
	ascend along S. face of range.
46.50	Top of ridge 30 ft above ¼ cor.; bears N. 50° W.
	and S. 50° E.; thence along top of range.
53.40	Sand ridge 130 ft above valley; bears N. 30° W.
	descend abruptly along N.E. slope of ridge.
55.50	Bottom of descent 40 ft below. thence ascend
	gradually along S.W. slope of range.
80.00	Deposited a charred stake 12 ins. in the
	ground for cor. of secs. 2. 3. 10. and 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 S.E. pit drove an oak stake 2 ft long 2 ins
	sq. 12 ins in the ground. marked
	T 21 N S 2. on N.E.
	R 41 W S 11. on S.E.
	S 10. on S.W. and
	S 3. on N.W. faces. with 5 notches on
	S. and 2 on E. edges.
	Land: hilly.
	Soil. sandy: 3rd rate.
	No timber: — Sand and bunch grass.

Chains	
	S. 89° 49' E. on a random line bet. secs. 2 & 11.
40.00	Set temp ¼ sec. cor.
80.20	Intersect N. & S. line 14 lks S. of the cor of secs.
	1. 2. 11. and 12.
	Thence I run
	N. 89° 55' W. on true line bet. secs 2 & 11.
	Ascend along S.E. slope of range.
2.00	Top of ascent 50 ft above cor.; on sand
	ridge. thence along S. face of range over
	broken land.
31.50	Foot of steep sand ridge; ascend abruptly.
32.50	Top of ridge 30 ft high; bears N. 10° W. and
	S. 10° E.; thence over broken land along S.
	face of range.
40.10	Deposited a charred stake 12 ins in the
	ground for ¼ sec cor. bet. secs 2 and 11.
	dug pits 18 x 18 x 12 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.
	Over very broken land along top of range.
66.00	Sand ridge: bears N.W. and S.E. thence
	over broken land.
80.20	The cor of secs. 2. 3. 10. and 11.
	Land: hilly.
	Soil. sandy: 3rd rate.
	No timber: Sand and bunch grass.
	September 6, 1895

Subdivision of T. 21 N., R. 11 W.

Chains.	
	N. 0° 08' E. on a random line bet. secs. 2 & 3.
40.00	Set temp. ¼ sec. cor.
79.66	Intersect N. bdy. of Tp. 1 lk W. of the cor of secs. 2. 3. 34. and 35.
	Thence I run
	S. 0° 08' W. on true line bet. secs 2 & 3.
1.60	Top of ascent, 10 ft above cor.; descend along S. slope of ridge.
7.60	Ravine 10 ft deep bears N. 30° W. and S. 30° E.
15.00	Begin descent along SE. slope of range.
19.00	Bottom of descent, in basin like valley: bears S. 40° W. and S. 60° E.
25.00	Begin gradual ascent along N. slope of range.
39.66	Deposited a chained 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
59.00	Top of ascent; thence along N. face of range.
78.20	Top of range, bears NE. and SW.
79.66	The cor of secs 2. 3. 10. and 11.
	Land: hilly.
	Soil, sandy: 3rd rate.
	No timber: — Sand and bunch grass.
	September 8, 1895.

From the standard cor of secs. 33 and 34. on S. bdy of the Tp.: hereto fore described I run

N. 0° 07' E. bet. secs. 33 and 34.

Over rolling bottom land.

24.00	S. edge of dry lake bed: bears E. & W.
38.00	N. " " " "
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec cor. bet secs 38-34; 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.

Subdivision of T. 21 N., R. 11 W.

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.
71.00	Leave valley: foot of range bears E. & W. ascend gradually along S. slope.
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 21 N S 27. on N6. R 11 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 N. of cor. Land: level, and hilly. Soil. sandy: 3rd rate. No timber: — Sand and bunch grass.

S. 89° 55' E. on a random line bet. secs 27. and 34.

40.00	Set temp. ¼ sec. cor.
79.80	Intersect N. & S. line at the cor of secs 26. 27. 34 and 35.
	Thence I run
	N. 89° 55' W. on true line bet. secs. 27 & 34.
	Ascend.
9.80	Top of ascent on sand ridge 20 ft above cor. thence over rolling land.
10.50	Begin gradual descent along NW. slope of range over rolling land.
39.00	Bottom of descent in a depression.
39.90	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. 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 high sand ridge.
42.00	Top of ascent 30 ft high, on N. slope of ridge. descend gradually along W. slope of ridge.
67.50	Bottom of descent in ravine & pass; bears N. and S.
69.50	Foot of range, bears S. 20° W.; ascend along S.E. slope.
71.00	Top of ascent 20 ft above ravine.; ascend along S.E. face of range.
79.80	The cor of secs 27. 28. 33 and 34. Land; hilly. Soil, sandy: 3rd rate. No timber: — Sand and bunch grass.

N. 0° 07' E. bet. secs. 27 & 28.
Ascend along S.E. slope of range

4.00	Top of ascent 40 ft above cor.; thence along E. face of range.
12.50	Begin gradual descent along N.E. slope.
23.00	Enter valley; bears N. 70° W. & S. 50° E.
35.00	Enter actual bottom.
40.00	Deposited a charred stake 12 ins in the ground for ¼ sec cor.; dug pits 18x18x12 ins. bet secs 27 & 28 N 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. O.F. Grosses sod house bears N. 67° W. 40 chs dist.
58.00	N. edge of alkali flat.
69.00	Leave valley. foot of range bears N. 40° W. and S. 40° E. ascend gradually along S.W. slope.
80.00	Deposited a charred stake 12 ins in the ground for cor of secs 21. 22. 27 and 28. dug pits 18x18x12 ins. in each sec 4 ft dist. and raised a mound of earth 4 ft base 2 ft high over deposit.

Chains	
	In S.E. pit, drove an oak stake 2 ft. long 2 ins sq. 12 ins in the ground, marked T 21 N S 22. on S.E. R 41 W S 27. on S.E. S 28. on S.W. and S 21. on N.W. faces. with 2 notches on S. and 3 on E. edges. Land; level and hilly. Soil, sandy: 3rd rate. No timber: — Sand and bunch grass.

S. 89° 55' E. on a random line bet. secs. 22 & 27.

40.00	Set temp. ¼ sec. cor.
79.84	Intersect N & S line at the cor of secs 22. 23. 26. and 27. Thence I mile N. 89° 55' W. on true line bet. secs. 22 & 27. Ascend over low ridges.
8.00	Top of ridge, 30 ft. above cor.; descend along the S.W. slope of ridge.
16.00	Bottom of descent; ascend along S.E. slope.
34.00	Top of ascent 40 ft high; descend along W. slope of range.
39.92	Deposited a charred stake 12 ins in the ground for ¼ sec cor bet secs 22 & 27.; 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 S. pit, drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground, marked ¼ S, on N. face.
51.00	Ravine at bottom of descent: bears N. & S. Ascend along N.E. slope of range.
57.00	Top of ridge 30 ft. high; bears N.W. & S.E. thence over ridges and ravines along top of range.
79.84	The cor of secs 21. 22. 27. and 28. Land; hilly. Soil, sandy - 3rd rate. No timber: — Sand and bunch grass.

Chains	
	N. 0°07' E. bet. secs. 21 & 22.
	Ascend slightly along W. face of range.
6.00	Begin descent along NW. slope.
17.00	Trail: bears N. 30° E. and S. 30° W.
25.00	Bottom of descent: foot of range of low hills bears N. 70° E. and S. 70° W.; ascend slightly along S. slope.
30.00	Top of ascent; thence over low hills.
39.00	Sand ridge 20 ft high; bears E. and W. descend along N. slope of ridge.
40.00	Deposited a chained stake 12 ins in the ground for ¼ sec. cor. bet secs 21-22; 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.
	On S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on W. face.
	Ascend over broken hills along S. slope of range.
73.00	Top of ascent 75 ft high, on S. edge of ridge. bears N. 50° W. and S. 50° E. Thence along E. slope over rolling land.
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 15, 16, 21, and 22. marked.
	T. 2, N S 15, on NE.
	R 41 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 18×18×12 ins. in each sec 5½ ft dist. and raised a mound of earth 4 ft base 2 ft high W. of cor.
	Land; hilly:
	Soil, sandy: 3rd rate.
	No timber: — Sand and bunch grass.

Chains	
	S. 89°55' E. on a random line bet. secs. 15 & 22.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect N & S line 8 lks S. of the cor. of secs. 14, 15, 22, and 23.
	Thence I run
	N. 89°58' W. on true line bet. secs. 15 & 22.
	Over level land.
2.40	Trail to Hyannis: bears N. 75° E., and S. 75° W.
25.00	Leave level land; foot of range bears N. 60° E. and S. 60° W.; ascend along SE. slope.
39.90	Deposited a chained stake 12 ins in the ground for ¼ sec cor bet secs 15-22; 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.
	On E pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked ¼ S, on N. face.
52.00	Top of ascent 100 ft above valley on S. face of bluff. Thence along S. face of bluffs. over broken land.
65.00	Ravine, bears N. 30° W. and S. 30° E.
70.00	Ridge 20 ft high, bears N 30° W. and S. 30° E. descend along SW. slope of range.
75.00	Bottom of descent; ravine, bears N 30° W. and S. 30° E.; ascend over rolling ground along NE. slope of sand ridge.
79.80	The cor of secs 15, 16, 21, and 22.
	Land, hilly and level.
	Soil, sandy; 2nd & 3rd rates.
	No timber: — Sand and bunch grass.

Subdivision of T. 21 N. R. 41 W.

Chains	
	N. 0° 07' E. bet. secs. 15. and 16.
1.00	Begin gradual descent along N.E. slope of ridge
13.00	Bottom of descent, 30 ft below: in a ravine. bears N. 50° W, and S. 50° E., I ascend along S.W. slope of ridge.
27.00	Top of ascent on SW. face: bears S. 40° E, and N. 40° W. thence along W. face over broken land.
37.00	Begin descent along NW. slope.
40.00	Deposited a chaned stake 12 ins in the ground for ¼ sec. cor. bet secs 15-16; dug pits 18x18x12 ins. N.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.
73.00	Bottom of descent; enter rolling valley, bears E. and W.
80.00	Deposited a chaned stake 12 ins in the ground for cor of secs 9. 10, 15. and 16.; 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 21 N S 10. on NE. R 41 W S 15. on SE. S 16. on SW. and S 9. on NW faces. with 4 notches on S. and 3 on E. edges.
	Land: level and hilly.
	Soil. sandy: 3rd rate.
	No timber. Sand and bunch grass.

Subdivision of T. 21 N. R. 41 W.

Chains.	
	S. 89° 58' E. on a random line bet. secs 10 & 15.
40.00	Set temp. ¼ sec. cor.
79.78	Intersect N.S line 5 lks N. of the cor of secs 10. 11. 14. & 15.
	Thence due
	N. 89° 56' W. on true line bet. secs. 10 & 15.
	Ascend gradually along W. slope of range.
39.89	Deposited a chaned stake 12 ins in the ground for ¼ sec. cor. bet secs 10-15; 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	Enter valley; bears E. and W.; thence over level land.
79.78	The cor. of secs. 9. 10. 15. and 16.
	Land. rolling and level.
	Soil. sandy; 2nd & 3rd rates.
	No timber: — Sand and bunch grass.
	September 7. 1895.

	N. 0° 07' E. bet. secs. 9 & 10.
	Over rolling bottom land.
8.00	Enter alkali bottom: bears E. and W.
25.00	Leave bottom: foot of range of low hills bears N. 80° W. and S. 80° E.; ascend gradually over low rolling sand hills.
40.00	Deposited a chaned stake 12 ins in the ground for ¼ sec cor; bet secs 9-10 dug pits 18x18x12 ins. N.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
	Ascend over low sand bluffs.
43.80	Sand peak 20 ft above cor.; descend
74.00	Foot of sand ridge; ascend abruptly along S. slope.

Chains	
76.00	Top of ridge 75 ft above ¼ sec. cor.: bears S. 70° E. and N. 60° W. thence along top of ridge.
78.00	Descend along NE. slope of ridge.
80.00	Set an oak post 3 ft. long 4 ins sq. with a chamfered stake 24 ins. in the ground for cor of secs 3. 4. 9. and 10. marked T 21 N S 3. on NE. R 41 W S 10. on SE. S 9. on SW. and S 3. on NW. faces, with 5 notches on S. and E. 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 corner. Land. hilly and rolling. 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.
79.72	Intersect N & S line 20 lks N. of the cor. of secs. 2. 3. 10. and 11. Thence I mm N. 89° 47' W. on true line bet. secs. 3 & 10. Descend along W. slope of range.
39.00	Ravine 20 ft deep: bears N. 75° W.
39.86	Deposited a chamfered stake 12 ins. in the ground for ¼ sec cor. bet secs 3 & 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. Over rolling land along N. face of range.
49.00	Ravine, or pass: bears N. 30° E. and S. 30° W.
50.00	Begin ascent along E. slope of range, over rolling hills.
67.20	Top of ascent on E. face of ridge 50 ft high bears N & S: thence over sand ridges.

Chains.	
79.72	The cor. of secs. 3. 4. 9. and 10. Land. hilly. Soil. sandy: 3rd rate. No timber: Sand and bunch grass.

	N. 0° 07' E. on a random line bet. secs. 3 & 4.
40.00	Set temp ¼ sec cor.
79.38	Intersect N. bdy. of Tp. 44 lks E. of the cor of secs 3 4, 33. and 34. Thence I mm S. 0° 12' E. on a true line bet. secs. 3 & 4. Ascend gradually along NW. slope of range.
9.40	Top of ascent; thence along W. face of range.
28.00	Begin descent along SW. slope.
39.38	Deposited a chamfered stake 12 ins in the ground for ¼ sec. cor. bet secs 3 & 4: 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. Descend along S. slope of range. over ridges and ravines
69.50	Ridge, 20 ft: bears S. 40° E. and N. 40° W.
78.00	Bottom of descent in circular depression. Thence ascend along NE slope of ridge.
79.38	The cor of secs 3. 4. 9. and 10. Land. hilly. Soil. sandy: 3rd rate. No timber: — Sand and bunch grass. September 8, 1895.

Subdivision of T. 21 N. R. 41 W.

— General Description. —

This Tp. consists of very irregular ranges of sand hills. separated by narrow bottoms and alkali basins.
There is no good surface water in the Tp. and no timber. Soil is sandy or alkali. and unfit for cultivation.
The vegetation is mostly sand and bunch grasses.

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

September 8, 1895.

Claim lines of T. 21 N, R. 41 W.

Chains

The T.C. claim of Karl F. Gross. on Sec. 27.
Area 160 acres.

This claim has no cors.; but the N line of claim is marked by a pile of bones. which Gross. says was the line as established by the locator: and he also states. that the line bet. secs. 27 and 28. is, as near as he can remember, the line as run by the locator.
I therefore have the section line as W. bdy. and the N. bdy. defined by pile of bones.

Kenno?

At a point on W. bdy. of sec. 27.; W. of the pile of bones. on N. bdy. of claim. I deposit a chained stake 12 ins. in the ground for nw. cor of the claim. dug pits to 18X18X12 ins. E. and S. 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
K F G. on SE. face.
Thence I run
S. 0°07' W. on true line along W. bdy. of the claim
Over level alkali bottom.

Chains.	
21.09	The ¼ sec. cor. bet. secs. 27 and 28.

Claim lines of T. 21 N. R. 41 W.

Chains.	
24.00	Enter plowed field: extends 2 chs. W. and about 4. E.
28.50	Leave " " " "
36.00	Begin gradual ascent along NE. slope.
40.00	Deposit a chained stake 12 ins. in the ground for SW. cor. of the claim. dug pits to 18X18X12 ins. N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit. In N. pit. drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked K. F. G. on NE. face

The Lat. of W. bdy. is 40.00. Dep. 8 chs. therefore 1600 sq. chs. divided by 40 gives 40 chs. for the mean width of the claim, and
40.00 plus 0.04 is 40.04 chs. the length of S bdy of claim
40.00 minus 0.04 is 39.96 chs. - - N. bdy.

From the SW. cor. of the claim. I run
East. on true line. along S bdy.
Ascend. along NE slope.

4.08	Enter plowed field: bears S. 20° W.
8.85	Leave " " Enter level land.
40.04	Deposit a chained stake 12 ins. in the ground for SE. cor of the claim. dug pits to 18X18X12 ins. N. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base. 1½ ft. high, over deposit. In N. pit. drove an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked K. F. G. : on NW. face.

From the SW. cor. of the claim. I run
East. on true line. along N. bdy.
Over level land.

39.96	Deposit a chained stake 12 ins in the ground for NE. cor. of the claim. dug pits to 18X18X12 ins. S. and 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 K. F. G. on SW. face.

Claim lines of T. 21 N., R. 41 W.

Chains	
	Thence I run
	South, on a random line.
40.00	Intersect E & W. line at SE. cor. of claim.
	Thence
	North, on true line along E. bdy. of the claim
	Over nearly level ground
40.00	The NE. cor. of the claim.
	Land, rolling valley;
	Soil, sandy, and alkali; 3rd rate.
	November 8, 1895.

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:

Not listed on Final Oath
See book of Division and Claim
Lines of T. 23 North R. 8 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

6—151

No timber; — sand and bunch grass.

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

.....

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.....

Approval.

Commissioner of the General Land Office.

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

Washington, D.C. April 30th, 1897.

The foregoing field notes of the survey of the Subdivision and claim lines of Township No. 21 north Range No 41 West of the 6th principal Meridian State of Nebraska

.....

.....

.....

.....

.....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.

Byron Herrmann

~~U. S. Surveyor General.~~

Commissioner under Appointment Surveyor General for Nebraska.

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 21 N. R. 41 W., has been correctly copied from the original notes on file in this office.

Byron Herrmann

~~U. S. Surveyor General.~~

Commissioner under Appointment Surveyor General for Nebraska.

6—151

General Land Office • Original Field Notes

Book Number

781

W.W. Alt Subdivision of T 21 N - R 41 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.