General Land Office • Original Field Notes

Book Number

780

W.W. Alt Subdivision of T 24 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.

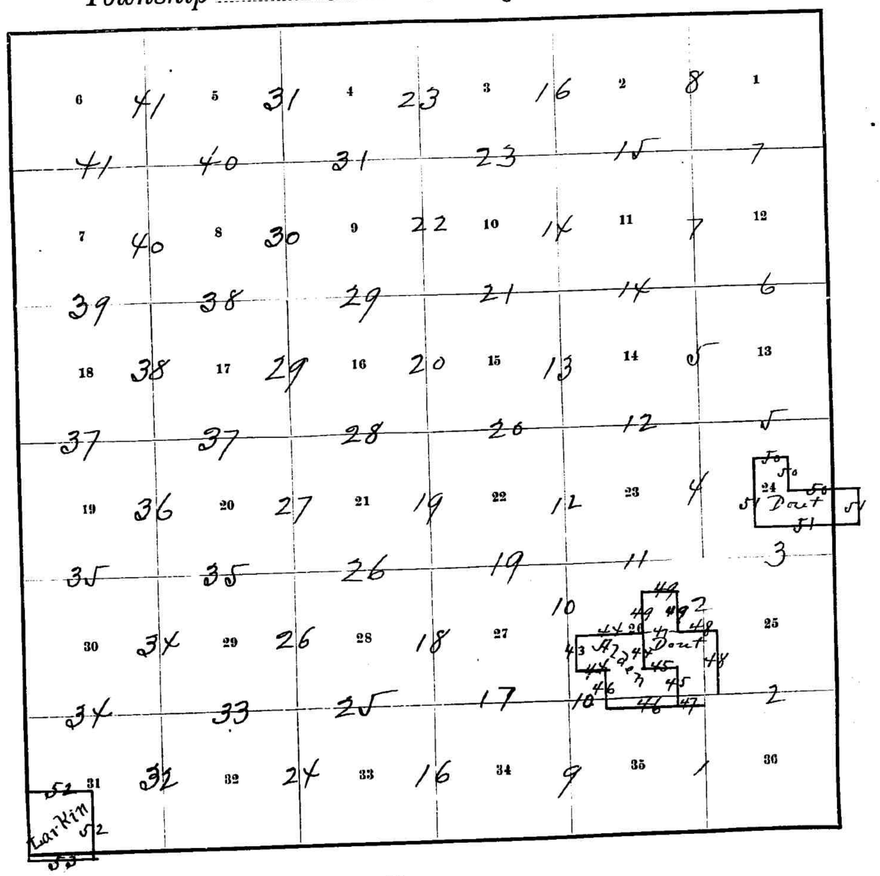
The W.W. Alt resurveys began in the mid 1890's and were completed in the early 1900's.

Names and Duties of Assistants.

Clarence P. Haggard, Chainman
Sidney Blout, Chainman.
James G. Graver, Flagman.
James C. Rosengren, Moundman.
Albert H. Andrews, Moundman.

INDEX DIAGRAM.

Township 24 N., Range 40 W



Meanders Page

Preliminary Oaths of Assistants.

WE, ...

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain over even and uneven ground, and plumb the tally-pins either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us in the survey of the .....

..... , *Chainman.*

..... , *Chainman.*

..... , *Chainman.*

..... , *Chainman*

Subscribed and sworn to before me this .....

day of ..... , 18 .

.....

.....

WE, ...

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

Subscribed and sworn to before me this ..... } ..... , *Axeman.*

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

Subdivision of T. 24 N. R. 40 W.

Chains	
	The initial directions of the meridional section lines of this Twp. were given by turning angles of 90° to the north from the tangent which was ranged out and left marked, on the S. bdy of Twp.
	N. 0° 01' W. betn secs 35. & 36.
	Descend gradually, along N. slope of range.
34.50	Trail: bears E & W.
36.00	Enter level valley.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S. on west face.
	Thence over rolling ground.
48.00	Foot of range; E & W., ascend gradually.
62.00	Top of ascent on E face of bluffs; thence over broken ground.
67.00	Begin gradual descent along N. slope of range.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 25. 26. 35. & 36. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked T 24 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 & S. edges.
	Soil, sandy; 2nd & 3rd rates.

Chains	
	N. 89°55' E. on a random line betn secs 25 & 36.
40.00	Set temp ¼ sec cor.
79.88	Intersect range line 3 lks S of the cor of secs 25. 30. 31. & 36
	Thence I run
	S. 89°54' W. on true line betn secs 25 & 36.
	Over level land.
15.00	Begin gentle ascent.
29.94	Telegraph line, bears N. 86°31' W.
31.00	Top of ascent. Enter railroad cut.
38.94	Center of track, Burlington & Missouri River railroad, bears N. 86°31' W.
39.94	Point for ¼ sec cor falls 7 lks S of center of track: deposit impracticable: I set witness cors. to the ¼ cor point as follows.
	N. 3°29' E. 158½ lks. dist. Deposit a charred stake 12 ins in the ground. dig pits 18 X 18 X 12 ins E & W of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	WC ¼ S, on North face.
	S. 3°29' W. 144½ lks dist. Deposit a charred stake 12 ins in the ground. dig pits 18 X 18 X 12 ins E & W of cor. 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	WC ¼ S, on north face.
43.00	Leave railroad cut; over nearly level land.
63.00	Begin slight descent along NW slope.
	Trail. N & S.
79.88	The cor of secs 25. 26. 35. & 36.
	Soil, sandy: 3rd rate.

	N. 0°01' W. betn secs 25 & 26.
	Over level land.
2.57	Center of track Burlington & Missouri River railroad, bears N. 86°31' W.
3.12	Telegraph line bears N. 86°31' W.

Chains	
4.10	Trail, along railroad.
10.00	Begin gradual ascent along SW slope of range.
35.00	Top of ascent on W. slope of range; descend slightly along W. slope.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 X 18 X 12 ins N & S of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S, on west face.
	ascend.
43.00	Slight ridge 10 ft above ¼ cor.; descend.
49.65	Trail, in pass: bears N. 75° E.; ascend over low rolling hills.
64.00	Begin slight descent along E face of range.
66.00	Bottom of descent; ascend along W. end of range over low rolling hills.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 23. 24. 25. & 26. dig pits 18 X 18 X 12 ins in each sec 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, marked.
	T 24 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 & 1 on E. edges.
	Soil sandy: 2nd & 3rd rates.

	N. 89°54' E. on a random line betn secs 24 & 25.
40.00	Set temp ¼ sec cor.
79.88	Intersect range line at the cor of secs 19. 24. 25. & 30.
	Thence I run
	S. 89°54' W. on true line betn secs 24 & 25.
	Ascend slightly.
0.75	Descend gradually, along W. slope.
13.68	Trail: bears N. 15° W.

Chains	
39.94	Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E&W of cor 4 ft dist. raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on north face.
	Ascend gradually, along SE. slope
50.00	Top of ascent 50 ft above ¼ cor.; thence along S. face of range
60.00	Top of range; descend.
78.40	Descend along W. slope, to cor.
79.88	The cor of secs 23. 24. 25. & 26.
	Soil, sandy: 3rd rate.
	N. 0°01' W. betn secs 23 & 24.
	Ascend along W. slope.
4.50	Top of ascent, 30 ft; descend along NW. slope.
26.00	Pass. bears NE & SW. ascend over rolling ground along SE. slope.
38.00	Begin gradual descent along NE. slope.
40.00	Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins. N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on west face.
47.00	Enter level land; bears E&W.
52.75	Trail bears E&W.
58.00	Begin ascent along S. slope of low range.
58.50	Trail: bears N. 20° W.
77.00	Top of ascent on low range; thence over rolling ground.
80.00	Set an oak post 3 ft long 4 ins square with a chamed stake 24 ins in the ground for cor of secs 13. 14. 23. & 24. marked T 24 N S 13. on NE R 40 W S 24. on SE. S 23. on SW. and S 14. on NW faces. with 3

Chains	
	notches on S & 1 on E. edges. dig pits 18x18x12 ins in each sec 5½ ft dist raise a mound of earth 4 ft base 2 ft high west of corner.
	Soil, sandy: 3rd rate.
	N. 89°54' E. on a random line betn secs 13 & 24.
40.00	Set temp ¼ sec cor.
79.80	Intersect range line 12 lks N. of the cor of secs 13. 18. 19. & 24.
	Thence S. mc
	S. 89°59' W. on true line betn secs 13 & 24.
	Ascend along NE. slope.
8.00	Top of ascent, 40 ft: descend along SW. slope, over low hills.
22.00	Bottom of descent, thence over rolling ground.
39.90	Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E&W of cor 4 ft dist. raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd. ¼ S, on north face.
	Ascend along E slope.
57.00	Top of ascent, 40 ft; thence over rolling ground along top of range.
79.80	The cor of secs 13. 14. 23. & 24.
	Soil, sandy: 3rd rate.
	N. 0°01' W. betn secs 13 & 14.
	Over rolling ground.
4.00	Descend gradually along NE slope.
16.00	Enter rolling land at bottom of descent.
29.00	Begin gradual ascent along SW. slope of low hills
39.00	Top of ascent, 40 ft; thence over low ridges and bluffs.
40.00	Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the

Chains.

ground, marked
¼ S. on west face.

59.00 Begin gradual descent along NW slope.
68.00 Enter level land: E & W.
74.00 Begin slight ascent along SW. slope.
80.00 Deposit a charred stake 12 ins in the ground for cor of secs 11, 12, 13, & 14. dig pits 18 x 18 x 12 ins in each sec 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
T 24 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 & 1 on E. edges.
Soil, sandy: 2nd & 3rd rates.

N. 89° 59' E. on a random line betn secs 12 & 13.
40.00 Set temp. ¼ sec cor.
79.76 Intersect range line 20 lks S of the cor of secs 7, 12, 13, & 18.
Thence I run
S. 89° 50' W. on true line betn secs 12 & 13.
Ascend along NE. slope.
9.00 Top of ascent on low range; descend along NW slope.
20.00 Enter basin; bears NW & SE.
30.00 Begin gradual ascent along SE slope of range.
37.00 Top of ascent; thence over broken ground along top of low ridge.
39.88 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
¼ S. on north face
55.00 Enter rolling bottom land.
79.76 The cor of secs 11, 12, 13, & 14.
Soil, sandy: 3rd rate.

2
3.
4.
47.0
52.7
58.00
58.50
77.00
80.00

Chains

N. 0° 01' W. betn secs 11 & 12.
Ascend slightly over low rolling hills.
12.00 Foot of range; ascend along SE. slope.
20.00 Top of ascent, 50 ft, thence along E face.
30.00 Begin gradual descent over rolling ground along NE. slope.
37.00 Ascend slightly.
40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
¼ S. on west face.
Descend gradually.
65.00 Enter rolling bottom land, E & W.
80.00 Deposit a charred stake 12 ins in the ground for cor of secs 1, 2, 11, & 12. dig pits 18 x 18 x 12 ins in each sec 4 ft dist & raise a mound of earth, 4 ft base 2 ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
T 24 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 & 1 on E. edges.
Soil, sandy: 2nd & 3rd rates.

N. 89° 50' E. on a random line betn secs 1 & 12.
40.00 Set temp. ¼ sec. cor.
79.78 Intersect range line 7 lks S. of the cor of secs. 1, 6, 7, & 12.
Thence I run
S. 89° 47' W. on true line betn secs 1 & 12.
Descend along NE slope of range.
21.00 Bottom of descent; Enter rolling bottom land.
39.89 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins. E & W of cor

Chains	
	4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	¼ S., on north face.
	Ascend slightly.
43.00	Descend from point 10 ft above ¼ cor. along Sw. face of low range.
63.00	Enter level ground. bears NW & SE.
79.78	The cor of secs 1, 2, 11, & 12.
	Soil, sandy: 3rd & 3rd rates.
	August 27 1895.

	N. 0°01' W. betn secs 1 & 2.
	Over level land.
4.00	Foot of low range: E & W. ascend gradually.
15.30	Top of ascent on slight ridge: E & W; thence over rolling hills.
22.30	Begin descent along N. slope, over rolling hills.
33.50	Bottom of descent; ascend slightly.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 X 18 X 12 ins. N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S., on west face.
	Ascend gradually along SE. slope of low hills.
51.00	Top of ascent, 40 ft; on E slope of ridge; thence along E slope.
57.00	Begin gradual descent along NE. slope, over low rolling hills.
76.00	Bottom of descent. in rolling bottom; NW & SE.
84.00	Begin gradual ascent over SE. slope.
96.00	Top of ascent; descend along NE. slope. over low rolling hills.
108.04	Intersect 6th Standard Parallel S. 88° 47' E. 1.62 chs from the standard ¼ sec cor. on S bdy of sec 31 T. 25 N., R. 39 W.
	Deposit a charred stake 12 ins in the ground.

Chains	
	for closing cor. of secs 1 & 2. dig pits 24 X 15 X 12 ins. crosswise on each line. E. W. & S. of cor 4 ft dist. raise a mound of earth 4 ft base 2 ft high. over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	C C T 24 N R 40 W. on S.
	S 1. on E. and -
	S 2. on W. faces with 1
	groove on E & 5 on N. faces.
	Soil, sandy 3rd rate.

	N. 0°02' W. betn secs 34 & 35.
	Ascend along S. face of range.
5.50	Top of range; bears E & W; 30 ft above cor.
11.00	Begin gradual descent along N. slope of range.
34.00	Bottom of descent. bears E & W. thence over rolling valley.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 X 18 X 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	¼ S. on west face.
42.50	Pass to Barnstable County E. and W.
50.00	Foot of range; E & W; begin gradual ascent along Sw. slope.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 26, 27, 34, & 35; dig pits 18 X 18 X 12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	T 24 N S 26. on NE.
	R 40 W S 35. on SE.
	S 34. on SW. and
	S 27. on NW faces with 2 notches
	on E & 1 on S edges.
	Soil, sandy: 3rd rate.

chains

N. 89°55' E. on a random line betn secs 26 & 35.

40.00 Set temp ¼ sec cor.

79.98 Intersect N & S line 9 lks S of the cor of secs 25, 26, 35, & 36.

Thence I run

S. 89°51' W. on true line betn secs 26 & 35.

Over level land.

5.00 Begin gradual ascent along N.E. slope of range.

31.00 Top of ascent, 100 ft; thence over broken ground along top of range.

39.99 Deposit a chanel stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on north face.

Ascend along N.E. slope

79.00 Top of ascent; descend along W. slope.

79.98 The cor of secs 26, 27, 34, & 35.

Soil, sandy; 2nd & 3rd rates.

N. 0°02' W. betn secs 26 & 27.

Ascend.

0.60 Top of ascent 5 ft above cor.; begin gradual descent along N. slope of range.

21.70 Plowed garden patch.

28.07 Center of track Burlington & Missouri River railroad. bears N. 87°10' W.

28.62 Telegraph line, N 87°10' W.

30.85 Trail, E & W. Enters rolling valley.

40.00 Deposit a chanel stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor. 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on west face.

This cor is in an abandoned plowed field.

chains

58.00 Foot of bluffs: bear W. and N. 40° E.; ascend gradually over low hills along S.E. slope.

65.00 Top of ascent 60 feet; thence along E face of range over broken ground.

80.00 Deposit a chanel stake 12 ins in the ground for cor of secs 22, 23, 26, & 27. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In S.E. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, mkd

T 24 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 E & S edges.

Soil, sandy; 2nd & 3rd rates.

N. 89°51' E. on a random line betn secs 23 & 26.

40.00 Set temp ¼ sec cor.

80.00 Intersect N & S line 8 lks S of the cor of secs 23, 24, 25, & 26.

Thence I run

S. 89°48' W. on true line betn secs 23 & 26.

Descend over low hills along N.W. slope.

40.00 Deposit a chanel stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼ S, on north face.

Ascend along N. slope of ridge

54.00 Descend along W. slope

68.00 Bottom of descent; Trail, bears N. 40° W.; ascend along E slope, over broken ground.

80.00 The cor of secs 22, 23, 26, & 27.

Soil, sandy; 3rd rate.

Chains.	
	N. 0°02' W. betn secs 22 & 23.
	Descend along N.E. slope.
21.65	Trail, in pass, at bottom of descent bears N. 40° W.
23.00	Begin gradual ascent along SW. slope of range.
36.50	Top of ascent, 50 ft; begin gradual descent along N. slope.
40.00	Deposit a chanel stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	¼ S, on west face.
55.00	Foot of descent 40 ft below cor. in S edge of basin, ascend over rolling land.
55.70	Trail; bears E & W.
58.00	Foot of range: bears E & W.; ascend gradually.
78.50	Top of ascent, 60 ft; thence over rolling hills.
80.00	Deposit a chanel stake 12 ins in the ground for cor of secs 14, 15, 22, & 23. dig pits 18x18x12 ins in each sec 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	T 24 N S 14. on NE.
	R 40 W S 23. on SE.
	S 22, on SW. and
	S 15, on NW faces, with 2 notches on E & 3 on S edges.
	Soil, sandy; 3rd rate.
	N. 89°48' E. on a random line betn secs 14 & 23.
40.00	Set temp ¼ sec cor.
50.00	Intersect N & S line 3 lks N. of the cor of secs 13, 14, 23, & 24.
	Thence S mm
	S. 89°49' W. on true line betn secs 14 & 23
	Descend over low rolling hills, along SW slope
9.00	Trail; bears N. 20° W.; begin gradual ascent along NE. slope of range.

Chains	
30.00	Top of ascent on ridge; descend along NW slope, over broken ground.
40.00	Deposit a chanel stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, mkd
	¼ S., on north face.
	Ascend, along NE slope.
44.00	Top of ascent, on ridge 30 ft above cor.; begin gradual descent along W. slope.
63.00	Foot of descent, in pass: bears NW & SE.
	ascend gradually along E slope.
68.00	Top of ascent, thence along N. slope.
80.00	The cor of secs 14, 15, 22, & 23.
	Soil, sandy; 3rd rate.
	N. 0°02' W. betn secs 14 & 15.
	Ascend slightly.
9.00	Top of ascent; begin gradual descent along NE. slope of low hills.
25.00	Enter level land; E & W.
39.00	Foot of range of low hills: E & W, ascend gradually.
39.90	Trail: bears N. 40° W.
40.00	Deposit a chanel stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist, raise a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	¼ S. on west face.
63.00	Top of ascent, 50 ft above cor. Begin gradual descent along W. slope.
80.00	Deposit a chanel stake 12 ins in the ground for cor of secs 10, 11, 14, & 15. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square

Chains

12 ins in the ground mkd
T24N S11. on NE.
R40W S14. on SE.
S15. on SW. and
S10. on NW faces. with 2 notches on E & 4 on S edges.
Soil sandy 2nd & 3rd rates.

N. 89°49' E. on a random line betn secs 11 & 14.
40.00 Set temp ¼ sec cor.
79.96 Intersect N & S line at the cor of secs 11, 12, 13 & 14.
Thence I run
S. 89°49' W. on true line betn secs 11 & 14.
Over level land.
6.00 Ascend gradually along SE slope of low hills.
16.00 Top of ascent, 75 ft; descend along SW slope.
30.00 Bottom of descent; ascend
36.00 Top of ascent; thence over broken ground, ridges and ravines.
39.98 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
¼S., on north face.
This cor is on steep E. slope of low hill.; ascend
44.00 Top of ascent; thence over ridges and ravines along top of range.
70.00 Descend gradually along NW slope.
79.96 The cor of secs 10, 11, 14 & 15.
Soil sandy; 3rd rate.

N. 0°02' W. betn secs 10 & 11.
Descend gently along NW slope.
10.00 Begin gentle ascent.
16.00 Top of ascent; thence over low rolling hills sloping to SE.
40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins. N & S of cor

Chains

4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
¼S., on west face.
75.00 Pass; bears NW & SE.; ascend along W slope of low ridge.
80.00 Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for cor of secs 2, 3, 10 & 11. marked
T24N S2. on NE.
R40W S11. on SE.
S10. on SW. and
S3. on NW faces. with 2 notches on E & 5 on S edges. dig pits 18x18x12 ins in each sec 5½ ft dist raise a mound of earth 4 ft base 2 ft high west of corner.
Soil sandy; 3rd rate

N. 89°49' E. on a random line betn secs 2 & 11.
40.00 Set temp ¼ sec cor.
79.92 Intersect N & S line at the cor of secs 1, 2, 11 & 12
Thence I run
S. 89°49' W. on true line betn secs 2 & 11.
Over level land. along N side of valley.
39.96 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
¼S., on north face.
53.00 Begin gradual ascent along SE. slope of low hills.
75.00 Top of ascent, 40 ft above ¼ cor.; thence over S. slope of range.
79.92 The cor of secs 2, 3, 10 & 11.
Soil sandy; 2nd & 3rd rates.
August 28th 1895.

Chains	
	N. 0°02' W. betw secs 2 & 3.
	Ascend gradually along S slope over low broken hills.
13.30	Top of ascent on low ridge; thence along W slope over low hills.
33.00	Begin gradual descent along NW slope.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor. 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	¼ S, on west face.
65.00	Bottom of descent over rolling valley. E & W.
69.00	Foot of range; S 80° W. & N 80° E.; ascend over low hills.
89.00	Top of ascent 40 ft. over rolling hills.
104.00	Begin gradual descent along N. slope.
110.18	Intersect 6th Standard Parallel. S. 88°35' E. 1.98 chains from the standard ¼ sec cor on S. bdy of sec 36. T 25 N., R. 40 W.
	Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for closing cor of secs 2 & 3. marked
	C C T 24 N R 40 W, on S.
	S 2. on E. and
	S 3. on W. faces with 2
	grooves on E & 4 on W faces. dig pits 24x18x12 ins. crosswise on each line E & W 3 ft and S of post 7 ft dist raise a mound of earth 4 ft base 3 ft high south of cor.
	Soil, sandy; 3rd rate.
	N. 0°03' W. betw secs 33 & 34.
	Ascend gradually through a ravine.
16.50	Top of ascent. 50 ft above cor.; begin gradual descent along N. slope of range.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½

Chains	
	ft high over deposit. In S. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S., on west face.
59.00	Enter valley; E & W.
61.15	Trail: bears E & W.
66.00	Foot of range; N 80° E, & W. ascend gradually.
75.00	Top of ascent.
80.00	Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for cor of secs 27. 28. 33. & 34. marked
	T 24 N S 27. on NE.
	R 40 W S 34. on SE.
	S 33. on SW. and
	S 28. on NW. faces with 3 notches on E. & 1 on S edges. dig pits 18x18x12 ins in each sec 5½ ft dist raise a mound of earth 4 ft base 2 ft high west of cor.
	Soil, sandy; 3rd rate.
	N. 89°55' E. on a random line betw secs 27 & 34.
40.00	Set temp ¼ sec cor.
79.80	Intersect N & S line at the cor of secs 26. 27. 34. & 35.
	Thence I run
	S. 89°55' W. on true line betw secs 27 & 34.
	Descend along N. slope of bluffs. over broken hills.
9.60	Trail; bears N 20° E.
13.00	Bottom of descent; thence along S face of ridge ascending over broken ground.
22.00	Top of ascent, thence over rolling ground. along top of range: descend.
39.90	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, mkd
	¼ S., on north face.

Chains	
	ascend over broken ground.
50.00	Top of ascent, on range; 100 ft. thence descend gradually along S. face of range.
79.80	The cor of secs 27, 28, 33, & 34.
	Soil, sandy; 3rd rate.

N. 0°03' W. betn secs 27 & 28.

Ascend gradually along S. face of low hills.

4.00	Top of ascent, 20 ft above cor. thence along top of range.
13.00	Begin gradual descent along N. slope of range.
32.20	Center of track, Burlington & Missouri River railroad; bears N. 87°10' W.
32.73	Telegraph line; "
36.50	Trail; E & W.
40.00	Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S. on west face.
50.00	Foot of range; ascend gradually.
57.50	Top of range; 75 ft; bears E & W. thence along summit.
73.00	Begin gradual descent along N. slope.
80.00	Deposit a chamed stake 12 ins in the ground for cor of secs 21, 22, 27, & 28. dig pits 18 x 18 x 12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked T 24 N S 22. on NE. R 40 W S 27. on SE. S 28; on SW. and S 21. on NW faces with 3 notches on E & 2 on S. edges.
	Soil, sandy; 2nd & 3rd rates.

Chains	
	N. 89°55' E. on a random line betn secs 22 & 27.
40.00	Set temp ¼ sec cor.
80.04	Intersect N & S line 3 lks S of the cor of secs 22, 23, 26, & 27.
	Thence I run S. 89°54' W. on true line betn secs 22 & 27.
	Descend along Gen. slope.
12.70	Trail; bears N. 35° W., at foot of descent.
28.00	Ascend along NE slope.
40.02	Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins. E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S. on north face.
	Ascend along top of range over low ridges, and ravines.
80.04	The cor of secs 21, 22, 27, & 28.
	Soil, sandy; 3rd rate.

N. 0°03' W. betn secs 21 & 22.

Descend gradually along N. slope of range.

23.00	Enter valley; bears E & W.
24.87	Trail; bears E & W.; ascend slightly over rolling land.
40.00	Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins. N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S. on west face.
47.00	Foot of range; bears S 80° W. & N 70° E.; ascend gradually along SE. slope of low hills.
47.00	Trail, Course S 80° W., N 70° E.
64.00	Top of range, 75 ft.
67.00	Begin descent along NE slope, over rolling ground.
80.00	Set an oak post 3 ft long 4 ins square with a chamed stake 24 ins in the ground for the cor of secs 15, 16, 21, & 22. marked.

Chains	
	T24N S15. on NE
	R40W S22. on SE.
	S21. on SW. and
	S16. on NW faces. with 3 notches
	on E & S edges. dig pits 18x18x12 ins in each sec 5½ ft dist & raise a mound of earth 4 ft base 2 ft high west of corner.
	Soil, sandy: 2nd & 3rd rates.
	N. 89°54' E. on a random line betw secs 15 & 22.
40.00	Set temp ¼ sec cor.
80.18	Intersect N & S line at the cor of secs 14. 15. 22. & 23.
	Thence I run
	S. 89°54' W. on true line betw secs 15 & 22.
	Descend over low hills. along SW. slope.
5.00	Bottom of descent in pass; NW. & SE. ascend abruptly along SE slope.
14.00	Top of ascent, 60 ft.; thence over very broken ground along top of range.
40.09	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	¼ S, on north face.
	Ascend gradually along top of range.
48.00	Top of ascent on range, 100 ft; descend over broken ground
55.00	Begin gradual descent along NW slope
80.18	The cor of secs 15, 16. 21. & 22.
	Soil sandy: 3rd rate.
	N. 0°03' W. betw secs 15 & 16.
	Descend slightly along N.W. slope, over rolling land
26.00	Enter valley: bears E & W.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist & raise a mound of earth 3½ ft base 1½

Chains	
	ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S., on west face.
42.00	Bottom of descent, thence ascend gently along foot of range over low foot hills.
62.00	Begin ascent along SE slope of range.
77.00	Top of ascent on SE face of bluff: thence along E face of bluff: descending.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 9. 10. 15. & 16. dig pits 18x18x12 ins in each sec 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	T24N S10. on NE.
	R40W S15. on SE.
	S16. on SW. and
	S9. on NW faces. with 3 notches
	on E & W on S edges.
	Soil, sandy; 3rd rate.
	N. 89°54' E. on a random line betw secs 10 & 15.
40.00	Set temp ¼ sec cor.
80.12	Intersect N & S line 5 lks N of the cor of secs 10. 11. 14. & 15.
	Thence I run
	S. 89°56' W. on true line betw secs 10 & 15.
	Descend gently along NW slope of range.
18.55	Trail, bears N. 20° W. at bottom of descent. ascend gradually along E. slope.
23.00	Top of ascent on N. slope of range; descend along N. foot hills.
40.06	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins. E & W of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	¼ S, on north face.

Chains	
	Thence along N. slope of range, over ridges.
79.00	Bottom of ravine, bears NW & SE.; ascend abruptly.
80.12	The cor of secs 9, 10, 15, & 16.
	Soil, sandy; 3rd rate.

	N. 0°03' W. betw secs 9 & 10.
	Descend slightly along N. slope.
20.00	Ravine, bears N 40° W. & S. 40° E. ascend along SW. slope. Trail in ravine, Course N. 50° W
27.50	Top of ascent, 40 ft above cor.; descend gradually over rolling ground, along E slope of ridge.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins. N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S., on west face.
	Descend gradually along NE slope.
46.50	Ravine; bears SE & NW.; ascend along SW slope of hills
48.00	Begin gradual descent along NW. slope.
70.00	Bottom of descent.
72.00	Foot of range; S 70° W.; ascend gradually along SE. slope.
78.50	Top of ascent: descend along SE. edge of ridge.
80.00	Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for cor of secs 3, 4, 9, & 10, marked
	T 24 N S 3. on NE.
	R 40 W S 10. on SE.
	S 9. on SW. and
	S 4. on NW faces. with 3 notches on E. & 5 on S edges. dig pits 18 x 18 x 12 ins in each sec. 5½ ft dist raise a mound of earth 4 ft base 2 ft high west of cor.
	This cor is in a Ravine.
	Soil, sandy; 3rd rate.

Chains.	
	N. 89°56' E. on a random line betw secs 3 & 10.
40.00	Set temp ¼ sec cor.
80.18	Intersect N & S line, 1 lk S. of the cor of secs 2, 3, 10, & 11.
	Thence S. on
	S. 89°56' W. on true line betw secs 3 & 10.
	Descend, over low rolling hills.
19.00	Bottom of descent, in ravine; NW & SE.
	Thence along N. slope of low hills.
35.00	Pass; bears NE & SW.; begin gradual ascent along SE. slope of ridge.
40.09	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S., on north face.
43.35	Top of ridge, 40 ft high.
55.60	Begin descent along SW. slope, over rolling hills.
68.00	Bottom of descent, in ravine; bears NE. & SW.
69.00	Begin ascent along SE. slope.
79.40	Top of ascent on SE. slope of range; descend into ravine; bears S. 30° E.
80.18	The cor of secs 3, 4, 9, & 10.
	Soil, sandy; 3rd rate
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	N. 0°03' W. betw secs 3 & 4.
	Ascend along SW. slope of ridge.
1.00	Top of ascent 10 ft above cor.; ascend along SE. slope of ridge.
5.00	Top of ascent, 40 ft; thence along E. slope.
11.00	Begin gradual descent along NE. slope.
24.00	Enter rolling valley; NW & SE.
31.00	Leave valley & ascend over low rolling hills.
35.00	Top of ascent, 20 ft.; thence over rolling hills.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of

Chains	
	Cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on west face.
	Ascend gradually over rolling hills.
52.00	Top of ascent 30 ft above cor.; descend over low hills along NE. slope.
69.00	Bottom of descent; thence along E. slope over rolling ground.
80.00	Foot of small ridge: ascend.
82.50	Top of ridge, 10 ft; bears E & W. Thence descend slightly along NE slope.
88.50	Bottom of descent, in pass: NW & SE. ascend along SW. slope.
111.98	Intersect 6th Standard Parallel S. 89°02' E. 2.25 chs from the standard ¼ sec cor. on S. bdy sec 35. T 25 N. R 40 W.
	Deposit a charred stake 12 ins in the ground for closing cor. of secs 3 & 4. dig pits 24 X 18 X 12 ins. crosswise on each line S. E. & W. of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked CCT 24 N R 40 W. on S. S 3. on E. and S 4. on W. faces. with 3 grooves on E & W faces. Soil, sandy; 3rd rate.
	N. 0°04' W. betw secs 32 & 33.
	Ascend gradually along SW. slope.
20.00	Top of ascent; 75 ft high; on SW. slope.
22.00	Descend gradually along N. slope.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 X 18 X 12 ins N & S of cor 4 ft dist. raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins

Chains	
	in the ground marked ¼ S., on W. face.
47.85	Trail, at foot of descent. 30 ft below cor. bears E & W. ascend gradually.
68.00	Top of ascent, on range, 80 ft; bears E & W.
	Thence along top of range, over broken ground.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 28, 29, 32, & 33. dig pits 18 X 18 X 12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked T 24 N S 28. on NE. R 40 W S 33. on SE. S 32. on SW. and S 29. on NW faces. with 4 notches on E. & 1 on S. edges. Soil, sandy; 3rd rate.
	N. 89°55' E. on a random line betw secs 28 & 33.
40.00	Set temp ¼ sec cor.
79.96	Intersect 2nd S. line 7 lks S. of the cor of secs 27, 28, 33, & 34.
	Thence I run S. 89°52' W. on true line betw secs 28 & 33.
	ascend over rolling sand bluffs and ridges along top of range.
14.00	Ravine, N & S.
23.00	Descend slightly over broken ground
39.98	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 X 18 X 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, marked ¼ S., on N. face.
	This cor is in bottom of a depression: ascend abruptly.
49.00	Top of ascent on range; 100 ft: thence over broken ground.

Chains.	
74.00	Begin descent along N. slope.
79.96	The cor of secs 28. 29. 32. & 33.
	Soil, sandy: 3rd rate.
	N. 0°04' W. betw secs 28 & 29.
4.00	Begin gradual descent along N. slope. over ridges.
36.54	Center of track Burlington & Missouri River railroad. on 2° curve. Tangent of curve bears N. 87°09' W. Curve merges into tangent about 100 ft to the East.
37.08	Telegraph line, parallel to railroad.
	Enter level land.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins. N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground. marked ¼ S. on west face.
45.00	Trail: bears E & W.
59.00	Foot of range: ascend.
71.85	Point of sand peak. 75 ft above valley; descend gradually along E. edge of ridge over rough broken hills.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 20. 21. 28. & 29. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit, In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground. marked T24N S21. on NE. R40W S28. on SE. S29. on SW. and S20. on NW faces. with 4 notches on E. and 2 on S. edges.
	Soil, sandy: 2nd & 3rd rates.
	N. 89°52' E. on a random line betw secs 21 & 28.
40.00	Set temp ¼ sec cor.
79.94	Intersect N & S line 12 lks S of the cor of secs

Chains.	
	21. 22. 27 & 28
	Thence I run
	S. 89°47' W. on true line betw secs 21 & 28.
	Ascend gently along NE. slope.
3.50	Top of ascent. 10 ft above cor.; descend along N. face of range. over rolling ground.
20.00	Bottom of descent in depression; ascend gradually. along NE. slope.
39.50	Ravine: bears NW.; ascend.
39.97	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins. E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, marked ¼ S. on north face.
	Ascend gradually, along NE slope of range.
57.00	Top of ascent, on range; E & W.; thence over broken ground.
70.00	Descend along SW. slope.
72.70	Trail; bears N 30° W. in pass: ascend gradually along NE. slope.
79.94	The cor of secs 20. 21. 28. & 29.
	Soil, sandy: 3rd rate.
	N. 0°04' W. betw secs 20 & 21.
	Along E. slope of range.
2.70	Begin gradual descent along N. slope.
10.85	Trail: bears NW & SE.; Enter valley, E & W.
19.00	Trail: bears E & W.
20.50	Leave valley & ascend gradually.
30.00	Top of ascent, 40 ft.; ascend gradually along S. face of range.
36.00	Descend slightly.
39.50	Bottom of depression; ascend gradually.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins. N & S of cor 4 ft dist. raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

Chains	
	¼ S, on west face.
43.00	Top of range: E&W, 75 ft above valley.
53.50	Begin gradual descent along N.W. slope.
59.60	Ravine: ascend along S.W. slope of bluff.
62.00	Descend along N. slope, over rolling foot hills.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 16, 17, 20, & 21. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked T 24 N S 16, on NE. R 40 W S 21, on SE. S 20, on SW, and S 17, on NW faces, with 4 notches on E. & 3 on S. edges. Soil, sandy: 2nd & 3rd rates.

N. 89°47' E. on a random line betw secs 16 & 21.

Chains	
40.00	Set temp ¼ sec cor.
79.86	Intersect N&S line 13 lks S of the cor of secs 15, 16, 21, & 22.

Thence I run

S. 89°41' W. on true line betw secs 16 & 21.

Descend over broken hills.

Chains	
7.00	Bottom of descent 20 ft below cor.; ascend along N.E. slope.
32.00	Top of ascent, on N face of ridge. thence descend along N. slope of range over low ridges and ravines.
39.93	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E&W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, mkd ¼ S, on north face.

Descend slightly over rolling foot hills.

Chains	
79.86	The cor of secs 16, 17, 20, & 21.

Soil, sandy; 3rd rate.

N. 0°04' W. betw secs 16 & 17.

Descend over low rolling hills.

Chains	
5.00	Bottom of descent, 20 ft below cor.; Enter basin extending S.W.
16.00	Leave basin: extends W. begin gentle ascent over rolling ground.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on west face.

Ascend gradually, along S.W. slope.

Chains	
55.00	Top of ascent, 100 ft; thence along top of range bears E&W.
67.00	Begin descent along N. slope, over ridges and ravines.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 8, 9, 16, & 17. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked T 24 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 E & S edges. Soil, sandy: 3rd rate.

N. 89°41' E. on a random line betw secs 9 & 16.

Chains	
40.00	Set temp ¼ sec cor.
79.92	Intersect N&S line at the cor of secs 9, 10, 15, & 16.

Thence I run

S. 89°41' W. on true line betw secs 9 & 16.

Ascend along S.E. slope of range.

Chains	
17.00	Top of ascent 75 ft. thence over rolling ground along top of range.
33.00	Descend along NW slope, over ridges.

chains

39.96 Deposit a chanced stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on north face.

67.00 Top of ascent on W face of ridge; descend along NW slope.

75.00 Bottom of descent; ascend along NE slope.

79.92 The cor of secs 8, 9, 16, & 17.

Soil, sandy; 3rd rate.

N. 0°04' W. betn secs 8 & 9.

Descend gradually along N. slope.

12.00 Bottom of descent; ascend gradually along SE. slope over rolling hills.

26.00 Top of ascent; thence along top of range.

34.50 Begin gradual descent along N. slope.

40.00 Deposit a chanced stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, mkd

¼ S., on west face.

62.00 Trail: bears N. 40° W.; thence over rolling hills.

70.00 Foot of range: ascend gradually along S. slope.

32 80.00 Deposit a chanced stake 12 ins in the ground for cor of secs 4, 5, 8, & 9. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth

39. 4 ft base 2 ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

T 24 N S 4. on NE.

R 40 W S 9. on SE.

S 8. on SW. and

S 5. on NW faces. with 4 notches

79.86 on E. and 5 on S. edges.

Soil, sandy; 3rd rate.

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chains.

N. 89°41' E. on a random line betn secs 4 & 9.

40.00 Set temp ¼ sec cor.

79.82 Intersect N & S line 1 lk S. of the cor of secs 3, 4, 9, & 10.

Thence I run

S. 89°41' W. on true line betn secs 4 & 9.

Ascend along SE. slope.

5.00 Top of ascent; thence along S. slope of range over small ridges.

28.00 Begin descent along SW. slope.

37.00 Bottom of descent, in pass; ascend gently over rolling ground.

39.91 Deposit a chanced stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground. marked

¼ S., on north face.

Ascend along SE. slope.

45.00 Foot of bluffs: bear S 75° W. & N 75° E.; ascend.

49.00 Top of ascent 50 ft; thence ascend along NE slope of range.

61.00 Top of ascent: thence along S. slope.

67.00 Begin gradual descent along SW. slope.

79.82 The cor of secs 4, 5, 8, & 9.

Soil, sandy; 3rd rate.

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N. 0°04' W. betn secs 4 & 5.

Ascend gradually along S. slope of range.

7.90 Top of ascent 20 ft above cor: on ridge, bears E & W.

Thence along NW slope of range over ridges and ravines.

17.00 Begin gradual descent along N. W. slope.

22.00 Ravine, at bottom of descent; bears SW & NE.

Thence over rolling ground sloping to West.

32.50 Begin gradual descent.

40.00 Deposit a chanced stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor

chains

4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼ S, on west face.

This cor is in the bottom of a circular depression.

53.00 Leave depression; ascend over low rolling hills.

65.00 Top of ascent on ridge; E & W. descend gradually over low rolling hills sloping gently to NW.

81.00 Bottom of descent. thence along N. slope over rolling ground.

84.00 Begin gradual ascent, over rolling ground.

113.80 Intersect 6th Standard Parallel S. 88°55'E. 2.50 chs from the standard ¼ sec cor. on S. bdy of sec 34. T 25 N R 40 W. Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for closing cor of secs 4 & 5. marked

C C T 24 N R 40 W, on S.

S 4. on E. and

S 5. on W. faces with 4 grooves on E. & 2 on W. faces. dig pits 24 x 18 x 12 ins. crosswise on each line E & W 3 ft, and S of post 7 ft dist, raise a mound of earth 4 ft base 2 ft high S. of corner.

Soil, sandy; 3rd rate.

N. 0°05' W. betn secs 31 & 32.

Along NW slope of range, over low broken hills, and sand bluffs.

7.00 Begin gradual descent along N. W. slope.

37.00 Enter rolling bottom land; bears NE & SW.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on west face.

42.15 Trail; bears E & W.

52.00 Foot of range; bears S 70° W, ascend gradually.

chains.

60.00 Top of ascent. 50 ft.; ascend along S. face of range.

70.00 Top of range, 100 ft; bears NE & SW.; descend.

79.80 Begin gradual descent along N. slope of range.

80.00 Deposit a charred stake 12 ins in the ground for cor. of secs 29, 30, 31, & 32. dig pits 18 x 18 x 12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground. marked

T 24 N S 29. on NE.

R 40 W S 32. on SE.

S 31. on SW. and

S 30. on NW faces. with 5 notches on E. and 1 on S edges.

Soil, sandy; 3rd rate.

N. 89°55' E. on a random line betn secs 29 & 32.

40.00 Set temp ¼ sec cor.

79.86 Intersect N & S line 13 lks N of the cor of secs 28, 29, 32, & 33.

Thence I run

N. 89°59' W. on true line betn secs 29 & 32.

Ascend along N. slope of range, over broken hills.

5.00 Top of ascent on ridge, 100 ft.; descend along NW slope.

10.00 Bottom of descent.; thence ascend over ridges and ravines along NE. slope.

33.00 Top of ascent, on ridge: thence along top of range over rolling ground.

39.93 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins. E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on north face.

ascend gradually, along NE. slope.

79.86 The cor of secs 29, 30, 31, & 32.

Soil, sandy; 3rd rate.

Chains.	
	S. 89°55' W. on a random line betn secs 30 & 31.
110.00	Set temp ¼ sec cor.
73.48	Intersect 5th Guide Meridian 16 lks N of the cor of secs 30 & 31.
	Thence I run
	N. 89°48' E. on true line betn secs 30 & 31.
	Ascend along NW. edge of ridge.
2.00	Top of ascent: descend gradually along NE. slope.
18.50	Bottom of descent, in pass: Trail, bears NTS. begin gradual ascent along NW. slope.
33.48	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S, on north face.
57.00	Top of ascent, thence over low ridges along N. face of range
73.48	The cor of secs 29, 30, 31 & 32.
	Soil, sandy: 3rd rate.

	N. 0°05' W. betn secs 29 & 30.
	Descend gradually along N. slope of range.
	Trail: parallel to railroad.
26.45	Center of track Burlington & Missouri River railroad, bears S. 82°02' W.; at foot of descent.
27.00	Telegraph line, along railroad.
30.60	Trail: bears S. 75° W.
32.00	Foot of range; bears N 70° E & S. 60° W. ascend.
40.00	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins NTS of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S, on west face.
	Ascend abruptly.
55.00	Top of ascent 75 ft above railroad, ascend along S face.

Chains	
64.00	Top of range, E & W, 150 ft high; descend along N. face.
78.00	Begin gradual descent along N. slope.
80.00	Deposit a chained stake 12 ins in the ground for Cor of secs 19, 20, 29 & 30. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	T 24 N S 20, on NE.
	R 40 W S 29, on SE.
	S 30, on SW, and
	S 19, on NW faces with 3 notches on E & 2 on S. edges.
	Soil, sandy: 3rd rate.

	S. 89°59' E. on a random line betn secs 20 & 29.
40.00	Set temp ¼ sec cor.
79.82	Intersect NTS line at the cor of secs 20, 21, 28 & 29.
	Thence I run
	N. 89°59' W. on true line betn secs 20 & 29.
	Ascend along E. slope of range.
11.00	Edge of sand blowout, 50 ft above cor. thence along N. face of range, over broken ground descending.
39.91	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S, on north face.
	Ascend gradually, along NE slope of range over low ridges and ravines.
79.82	The cor of secs 19, 20, 29 & 30.
	Soil, sandy: 3rd rate.

	S. 89°48' W. on a random line betn secs 19 & 30.
40.00	Set temp ¼ sec cor.
72.34	Intersect 5th Guide Meridian at the cor of secs

Chains.

19 & 30.
Thence I run
N. 89° 48' E. on true line betn secs 19 & 30.
Along N. slope of hills. over ridges and ravines.

30.00 Begin ascent along NW slope.

32.34 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on north face

72.34 The cor of secs 19. 20. 29 & 30.
Soil. sandy; 3rd rate.

N. 0° 05' W. betn secs 19 & 20.
Descend gradually along N. slope of range.

30.00 Foot of range: E & W.; descend over rolling grounds.

40.00 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S. of cor 4 ft dist & raise a mound of earth 3½ ft. base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on west face

Ascend over low rolling chop. hills.

55.50 Top of ascent, 40 ft; thence over low hills.

67.00 Begin gradual descent along N. slope of range
76.00 Irpie course N.W. and S.E.

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

T 24 N S 17. on NE.
R 40 W S 20. on SE.
S 19. on SW. and
S 18. on NW faces, with 5 notches on E & 3 on S edges. dig pits 18x18x12 ins in each sec 5½ ft dist & raise a mound of earth 4 ft base 2 ft high west of corner.
Soil, sandy; 2nd & 3rd rates.

Chains

S. 89° 59' E on a random line betn secs 17 & 20.

40.00 Set temp ¼ sec cor.

79.76 Intersect N & S line 9 lks S of the cor of secs 16. 17. 20. & 21
Thence I run
S. 89° 57' W. on true line betn secs 17 & 20.
Descend slightly along NW slope.

5.00 Enter basin-like bottom; thence over level land.

39.88 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit.
In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼ S., on north face.

Over level land, through an abandoned "Dog Town".

79.76 The cor of secs 17. 18. 19. & 20.
Soil, sandy; 3rd rate.

S. 89° 48' W. on a random line betn secs 18 & 19.

40.00 Set temp ¼ sec cor.

71.10 Intersect 5th Guide Meridian 22 lks N of the cor of secs 18 & 19.
Thence I run
N. 89° 38' E. on true line betn secs 18 & 19.
Along S. slope of low hills.

31.10 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on north face.

40.00 Trail, bears S. 60° W.

57.00 Begin gentle descent over foothills.

63.00 Trail; bears N. 70° W.

71.10 The cor of secs 17. 18. 19. & 20.
Soil, sandy; 3rd rate.

Chains.	
	N. 0°05' W. betn secs 17 & 18.
	Descend slightly.
0.75	Enter neck of basin;
10.00	Foot of range; ascend over sand bluffs.
13.00	Begin abrupt ascent.
28.70	Top of ascent, 100 ft high: ascend gradually along S. face of range.
36.80	Top of range, 150 ft high.: bears E & W. descend along N. face.
40.00	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on west face.
43.00	Begin gradual descent along N. slope.
65.00	Bottom of range: descend over rolling ground.
80.00	Deposit a chained stake 12 ins in the ground for cor of secs 7, 8, 17, & 18. dig pits 18 x 18 x 12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked T 24 N S 8, on NE, R 40 W S 17, on SE, S 18, on SW, and S 7. on NW faces, with 5 notches on E & 4 on S. edges.
	Soil, sandy; 3rd rate.

	N. 89°57' E. on a random line betn secs 8 & 17.
40.00	Set temp ¼ sec cor.
79.80	Intersect N & S line 29 lks S of the cor of secs 8, 9, 16, & 17.
	Thence S nun
	S. 89°45' W. on true line betn secs 8 & 7.
	Ascend gradually along NE slope of ridge over rolling ground.
9.00	Top of ascent: thence descend along SW slope.

Chains	
	of low range.
24.00	Bottom of descent: ascend.
33.00	Top of ascent: NE & SW.: thence over rolling ground.
39.90	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on north face.
	Ascend out of depression.
45.00	Begin gradual descent along NW. slope, over rolling ground.
79.80	The cor of secs 7, 8, 17, & 18.
	Soil, sandy: 3rd rate.
	August 31 1895.

	S. 89°38' W. on a random line betn secs 7 & 18.
40.00	Set temp ¼ sec cor.
69.90	Intersect 5th Guide Meridian 28 lks S of the cor of secs 7 & 18.
	Thence S nun
	N. 89°50' E. on true line betn secs 7 & 18.
	Over level land.
29.90	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on north face.
	From this cor. Rochester Tappan's homestead house bears N. 65° W. about 30 chs dist.
	Ascend slightly along NW. slope.
69.90	The cor of secs 7, 8, 17, & 18.
	Soil, sandy; 2nd rate.

chains.	
	N. 0°05' W. betn secs 7 & 8.
	Descend slightly along NW. slope.
25.00	Bottom of descent; ascend slightly.
32.00	Foot of range: bears S. 70° W. & reverse.
	ascend abruptly.
40.00	Deposit a charred stake 12 ins in the ground for 1/4 sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	1/4 S., on west face.
42.00	Top of ascent, 75 ft; ascend along S. face over broken hills.
49.00	Top of range: bears E & W.
59.50	Begin gradual descent along N. slope.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 5.6.7. & 8. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, marked
	T 24 N S5. on NE.
	R 40 W S8. on SE.
	S7. on SW. and
	S6. on NW faces with 5 notches on E & S. edges.
	From this cor. A.B. Stuckey's windmill bears N. 49°30' W about 20 chs dist. His house bears N 74°30' W. about 30 chs dist.
	Soil, sandy; 3rd rate.
	N. 89°45' E. on a random line betn secs 5 & 8.
40.00	Set temp 1/4 sec cor.
79.70	Intersect N & S line 16 lks S of the cor of secs 4.5.8. & 9.
	Thence I run
	S. 89°38' W. on true line betn secs 5 & 8.
	Descend from high bluff along N. slope of range.

chains	
15.00	Bottom of descent; ascend gradually.
26.50	Top of ascent, on low ridge, N & S: descend gradually along NW slope.
39.85	Deposit a charred stake 12 ins in the ground for 1/4 sec cor. dig pits 18x18x12 ins S & W of cor. 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	1/4 S., on north face.
58.00	Foot of descent. thence along N. slope of range.
79.70	The cor of secs 5.6.7. & 8.
	Soil, sandy; 3rd rate.
	S. 89°50' W. on a random line betn secs 6 & 7.
40.00	Set temp 1/4 sec cor.
68.30	Intersect 5th Guide Meridian 1 lk S of the cor of secs 6 & 7.
	Thence I run
	N. 89°50' E. on true line betn secs 6 & 7.
	Ascend gently along NW. slope.
20.00	Top of ascent, thence along N. slope.
28.30	Deposit a charred stake 12 ins in the ground for 1/4 sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	1/4 S., on north face.
	From this cor. A.B. Stuckey's frame house bears N. 74°25' E. about 20 chs dist & his wind-mill bears N. 63°50' E. about 25 chs dist.
68.30	The cor of secs. 5 & 6. 7. & 8.
	Soil, sandy; 2nd rate.
	N. 0°05' W. betn secs 5 & 6.
	Descend gradually along N. slope.
5.00	Enter level land.
23.00	Foot of range; ascend over rolling hills on SW. slope.

Chains

40.00 Deposit a chanel stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on west face.

41.00 Top of ascent, on N. slope: descend gradually.

54.00 Bottom of descent: thence over rolling land.

77.00 Foot of bluffs; bear S. 60° W. & N 30° E.; ascend abruptly.

86.00 Top of ascent 75 ft: thence along E face of range.

97.00 Begin abrupt descent along NE. slope.

112.00 Bottom of descent; ascend slightly along SW. slope.

115.72 Intersect 6th Standard Parallel. S 88° 57' E. 3.31 chs from the standard ¼ sec cor on S. bdy of sec 33. T. 25 N., R. 40 W.

Deposit a chanel stake 12 ins in the ground for closing cor of secs 5 & 6. dig pits 24 x 18 x 12 ins crosswise on each line S. E. & W of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

C C T 24 N. R 40 W. on S.

S 5. on E. and

S 6. on W faces. with

5 grooves on E, and 1 on W. faces.

Soil, sandy; 2nd & 3rd rates.

Sept. 2d 1895.

Chains.

— General Description. —

The N. and S. parts of Tp. consist of ranges of high sand ridges.

The E. and NE. parts, of rolling sand hills.

There are narrow dry valleys between the ranges, without hay or surface water.

The whole Tp. may be called broken prairie.

Bunch grass on hills, and sand grass in valleys.

No timber of any description.

Soil, sandy, and unfit for cultivation.

Willard H. Alt.

U.S. Surveyor.

September 2, 1895.

No. 40.

— Claim lines of T. 24 N., R. 40 W. —

Chains.

The T.C. claim of William M. Alden, on secs 26 and 35. Area 160 acres.

The N. part of claim has 4 marked boundaries, and the S. part, has NE. and NW. corners, all located by H. R. Dellinger, Surveyor.

The NW. cor. of the N. part of claim, which is a mound and pits, with an iron fish-plate, driven in the mound, bears from the ¼ sec. cor. bet. secs. 26 and 27. S. 45° E.: 6.60 chs. dist.

Lat. 4.67 S.; Dep. 4.67 chs E.

The SW. cor. of the N. part of claim, being visible from the NW. cor.: I run for said SW. cor. S. 0° 36' W. on true line along W. bdy. of N. part of claim. Over rolling ground.

7.00 Telegraph line: parallel to railroad.

7.60 Center of track, Burlington and Missouri River railroad, on curve; Curve N. 84° 30' W.

9.00 Enter plowed field: E. & W.

15.40 Leave " " begin ascent along N. slope.

20.20 The SW. cor. of claim, which is a low mound with pits. This cor. I rebuild in old position

Chains.

Deposit a chained stake 12 ins. in the ground. dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W M A : on NE. face.

The S.E. cor. of the N. part of claim being visible from the Sw. cor.: I run for said S.E. cor.
S. 89°40' E.: on true line, along S. bdy. of the N. part of claim.
Descend along N. slope, over rolling ground.
20.14 The NW. cor. of the S. part of claim. which is a mound and pits, with a car coupling link, in the mound.
From this cor. the Section house of the Burlington and Missouri River railroad. bears N. 47°05' W.
The railroad depot at Ashby bears N. 35°55' W.
" " water tank " " N. 29°50' W.
Thence continue this line across claim, on blank line.
Descend slightly over rolling ground along N. slope.
40.57 The S.E. cor. of the N. half of claim. which is a stake in mound, with pits N. and S. of mound.

North, on a random line along E. bdy. of N. part of claim.
20.23 Fall 2 lks E. of the NE. cor. of N. part of claim. which is a stake in mound, with pits E. and W.
Thence I run
S. 0°04' E. on true line along E. bdy.
17.70 Trail: Ashby to Hyannis: bears E. and W.
20.23 The S.E. cor. of the N. part of claim.

From the NE. cor. of the N. part of claim: I run
N. 89°40' W. on a random line.
40.37 Fall 4 lks N. of the NW. cor. of claim
Thence I run

Chains.

S. 89°43' E. on true line along N. bdy. of claim.
Ascend slightly, over rolling ground.
10.00 Top of ascent. 10 ft. thence over rolling ground
17.30 NW. cor. of plowed field, bears S. 7 chs. dist.
40.37 The NE. cor. of the N. part of claim.

From the SE. cor. of the N. part of claim. I run
S. 89°40' E. on N. bdy. of the S. part of claim.
7.60 Trail: bears S. 80° E. — Ashby to Hyannis.
20.17 The NE. cor. of the S. part of claim. which being a chained stake with mound in bad condition I re-build at same point.
Deposit a chained stake 12 ins. in the ground for NE cor. of the S. part of claim, and a cor. of the Pre. claim of Leonard South.
dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W M A : on Sw. and
L S : on NE. face.

As the N. part of claim has an area of 81.81 acres. the S. part should contain 78.19 acres.
The course of the N. bdy. of S. part is S. 89°40' E. 40.60 chs. Lat. 24 lks. Dep. 40.60 chs.: consequently 78.19 sq chs. divided by 40.60 gives 19.26 chs. for the mean width and 19.26 + .12 is 19.38 chs. the length of W. bdy.
19.26 − .12 is 19.14 chs. " " " E. bdy.
Therefore from the NE. cor. of the S. part of claim I run
South, on true line along E. bdy.
5.00 Trail to Hyannis: bears S. 80° E.
9.59 Telegraph line: parallel to railroad.
10.11 Center of track. Burlington and Missouri River railroad, on curve

Chains.

Ascend along NE. slope.

19.14 Deposit a charred stake 12 ins. in the ground for SE. cor. of the S. part of claim, and a cor. of Leonard Soule's Ore claim.
dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WMA: on NW. and
LS: on NE. faces.

Next, on a random line.

40.60 Set temp. SW. cor. of the S. part of claim.

From the NW. cor. of the S. part of claim, I run
South, along W. bdy.
Ascend along N. slope.

14.00 Top of ascent. 75 ft.: thence over broken ground along top of range.

19.38 The temp. SW. cor.; where I deposit a charred stake 12 ins. in the ground, for SW. cor. of the S. part of claim; dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
WMA: on NE. face.

Thence I run
East, on true line, along S. bdy.
Along top of range, over broken ground.

35.00 Begin descent along NE. slope.

40.60 The SE. cor. of S. part of claim.
Land, rolling bottom in N. part, and sand hills in S.
Soil, 2nd and 3rd rate.
September 3rd 1895.

Chains.

The Ore. claim of Charles Hawkins, owned by Leonard Soule, on secs. 25. 26. and 35.
Area 160 acres.
The S. bdy. of the W. part, and the SW. cor. of the East part of claim, are marked on the ground.

(No. 39.)

From the SW. cor. of the E. part of claim, heretofore described, being the SE. cor. of the S. part of W. M. Alden's T.C. claim, I run
East, on true line along S. bdy.
Descend along NE. slope.

14.78 Intersect W. bdy. of sec. 36. where I deposit a charred stake 12 ins. in the ground, for closing cor. of S. bdy.; dig pits 18x18x12 ins. S. and W. of cor 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In W. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
CC, on W.
LS, on N. and
NSL: on E. faces.
This cor. bears S. 0° 01' E. 4.48 chs. dist. from the cor. of secs. 25. 26. 35. and 36.

From the NE. cor. of the N. part of W. M. Alden's T.C. claim, heretofore described, I run
East, on a blank line, across the N. part of claim.

20.19 A point due N. of the SE. cor. of the N. part of claim and NE. cor. of the S. part of W. M. Alden's T.C. claim, where I deposit a charred stake 12 ins. in the ground, for NW. cor. of the E. part of claim.
dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
LS: on SE. face.

Chains	
	East, along N. bdy. of the E. part of the claim.
	Ascend gently along N. slope.
18.00	Top of ascent, 50 ft. thence over rolling ground.
20.00	Deposit a charred stake 12 ins. in the ground for NE. cor. of the E. part of claim; dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
	In S. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	LD; on SW. face.

	South, along E. bdy. of the E. part of claim.
	Along top of range.
5.00	Begin descent along SW. slope.
31.35	Trail; at bottom of descent; bears E. and W.
32.23	Telegraph line; parallel to railroad.
32.78	Center of track, Burlington and Missouri River railroad. bears N. 86°31' W.
35.01	Intersect N. bdy. of sec. 36. at a point N. 89°54' E. 5.22 chs. dist. from the cor. of secs. 25. 26. 35. & 36. where I deposit a charred stake 12 ins. in the ground for closing cor. of the E. bdy.; dig pits 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 drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	CC, on N.
	LD. on W. and
	NSL; on S. faces.

The area of the E. part of the claim, as surveyed is 76.64 acres, and that part of the Western division lying S. of the N. bdy. of W. M. Alden's T. C. claim contains 40.94 acres. therefore the balance of claim should have an area of 42.42 acres, and as the width is 20.19 chs.; the E. and W. bdys. will be extended N. 21.01 chs; 42.42 ÷ 2019 = 21.01

From the NW. cor. of the E. part of claim. I run

Chains.	
	North, on true line along E. bdy. of the W. part of the claim.
	Over level ground.
8.50	Trail; bears N. 70° E.
9.00	Begin ascent along S. slope.
21.01	Deposit a charred stake 12 ins. in the ground for NE. cor. of the W. part of claim. dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
	In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	LD; on SW. face.

	From the NE. cor. of the T. C. claim of W. M. Alden, I run
	North, on true line along W. bdy. of the W. part of claim.
	Over level land.
5.00	Trail; bears N. 60° E.
10.00	Foot of range; ascend gradually.
21.01	Deposit a charred stake 12 ins. in the ground for NW. cor. of the W. part of claim.; dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
	LD; on SE. face.

	East. along N. bdy. of the W. part of claim.
	Along S. face of range, over broken ground.
20.19	The NE. cor. of the W. part of claim.
	Land, moderate sand hills, and rolling bottom. Soil 2nd and 3rd rates.
	Sept. 3, 1895.

Chains

(No. 37)

The Pre. claim of James Cusick, owned by Leonard Sout.; on secs. 19 and 24.; R. 39 & 40 W.
Area 160 acres.

The S.E. cor. of the N. part of claim, is a stake in mound, — the old ¼ sec. cor. bet. secs. 24 and 25.—
From this cor. I run
North, on true line along E. bdy of the N. part of claim.
Over level ground.
11.00 Ascend gradually along Sw. slope.
17.00 Top of ascent. 30 ft.
20.00 Deposit a charred stake 12 ins. in the ground for NE. cor. of the N. part of claim. dig pits 18 x 18 x 12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
LD; on Sw. face.

West. on true line, along N. bdy.
4.00 Begin descent along W. slope.
7.00 Enter level land; N. & S.
20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the N. part of claim. dig pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
LD: on SE. face.

From the S.E. cor. of the N. part of claim. I run
East. on true line along N. bdy. of the S. part of claim.
Along S. slope of low foot hills.
40.00 Deposit a charred stake 12 ins. in the ground. for NE. cor. of the S. part of claim. dig pits 18 x 18 x 12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked — LD., on Sw. face

Chains.

This cor. bears from the ¼ sec. cor. bet. secs. 19, and 24; S. 74° 10' E.; 13.02 chs. dist.
Lat. 3.55 S.; Dep. 12.53 chs. E.

South. on true line, along E. bdy of the S. part of claim.
Over nearly level ground.
12.00 Begin gentle ascent. along N. slope.
20.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of the S. part of claim. dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
LD; on NW. face.

West, along S. bdy. of the claim.
Along N. slope of foot hills.
7.00 Ridge, N. & S.; descend.
16.00 Enter rolling land. in S. edge of valley.
24.00 Begin gentle ascent.
36.00 Low ridge.
45.00 Ravine, N. & S. — Trail, course N. and S.
48.00 Begin ascent along E. slope of range.
54.00 Top of ascent. 75 ft. thence along N. face of range.
60.00 Set temp. Sec. cor.

North. on a random line, along W. bdy.
40.00 Intersect E. & W. line. at NW. cor. of claim.
Thence I run
South. on true line, along W. bdy. of the claim.
Over level bottom land.
17.00 Begin ascent along N. slope of range. from trail bearing N. 60° W.
40.00 The temp. Sec. cor. where I deposit a charred stake 12 ins. in the ground: dig pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

Chains.

In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
L L 1 on N. E. face.
Land, level bottom, extending into sand hills.
Soil, 1st and 3rd rates.
September 3, 1895.

(No. 38)

The H.E. claim of John B. Larkin, on secs. 6 and 31, Ts. 23 and 24 N. Area 151.64 acres.

This claim has one marked boundary, which is also the E. bdy. of Rees Larkin's H.E. claim, and the notes of survey of that claim, describe the line, and cors. at its extremities.
As the claim is 40 chs. in length N. & S. and the area 151.64 sq. chs.; the breadth E. & W. should be 37.91 chs.; therefore, from the NW. cor. of the claim I run
East on true line, along N. bdy.
Along SE. face of range.
1.00 Begin abrupt descent along SE. slope.
8.00 Bottom of descent, 50 ft. below cor.; enter level land.
14.82 Wire fence; bears N. 80° E.
23.27 " " " N. & S.
37.91 Deposit a chanced stake 12 ins. in the ground for NE. cor. of the claim.; dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J B L; on SW. face.

South along E. bdy.
Over rolling alkali valley.
40.00 Set temp. S.E. cor. of claim.

From the SW. cor. of the claim, and SE. cor. of Rees Larkin's NE. claim, heretofore described, I run

Chains.

East along S. bdy. of the claim.
Over rolling alkali valley.
37.91 The temp. SE. cor. where I deposit a chanced stake 12 ins. in the ground.; dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J B L; on NW. face.
Land, mostly alkali valley; NW. cor. being in hills.
Soil, sandy; 3rd rate.
September 17, 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:

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

.....

.....

Approval.

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

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

The foregoing field notes of the re survey of the subdivision and claim lines of Township No. 24 North Range No. 40 West of the 6th principal Meridian State of Nebraska

.....executed by

Willard W. Alt U S Surveyor

under his Contract No....., dated December 26, 1894, having been critically examined, the necessary corrections and explanations made, the said field notes, and the re surveys they describe, are hereby approved.

Binger Hermann

~~U. S. Surveyor General.~~

Commissioner and ex officio Surveyor General for Nebraska

I certify that the foregoing transcript of the field notes of the above-described surveys in Township 24 N, R 40 W, has been correctly copied from the original notes on file in this office.

Binger Hermann

~~U. S. Surveyor General.~~

Commissioner and ex officio Surveyor General for Nebraska

6—151

No timber: Sand and bunch grass.

General Land Office • Original Field Notes

Book Number

780

W.W. Alt Subdivision of T 24 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.