General Land Office • Original Field Notes

Book Number

776

W.W. Alt Subdivision of T 24 N - R 31 W

The images in this file are microfilm images of the notes of W.W. Alt resurveys of portions of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

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

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44

3, 4, 5, 10, 12, 13 18, 1920

Duplicate

Received with letter from W. W. Alt, U. S. Surveyor, dated February 1, 1897. 12664/1897

Received by letter "E" Feb 25th 1898.

4—679.

Scanned - June 4th 1903

OK

FIELD NOTES

OF THE SURVEY OF

Subdivision and Claim Lines

Township No. 34 N., Range 31 W.

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

Willard W. Alt, United States Deputy Surveyor,

Under his Contract No. _____, *dated* January 26, 1895

Survey commenced October 6, 1896

Survey completed October 17, 1896

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Names and Duties of Assistants.

Sidney Blount, Chainman.
Frank H. Drach, Chainman.
Fred D. Stratton, Flagman.
Harry R. Knapp, Moundman.
Bert Blakeslee, Moundman.

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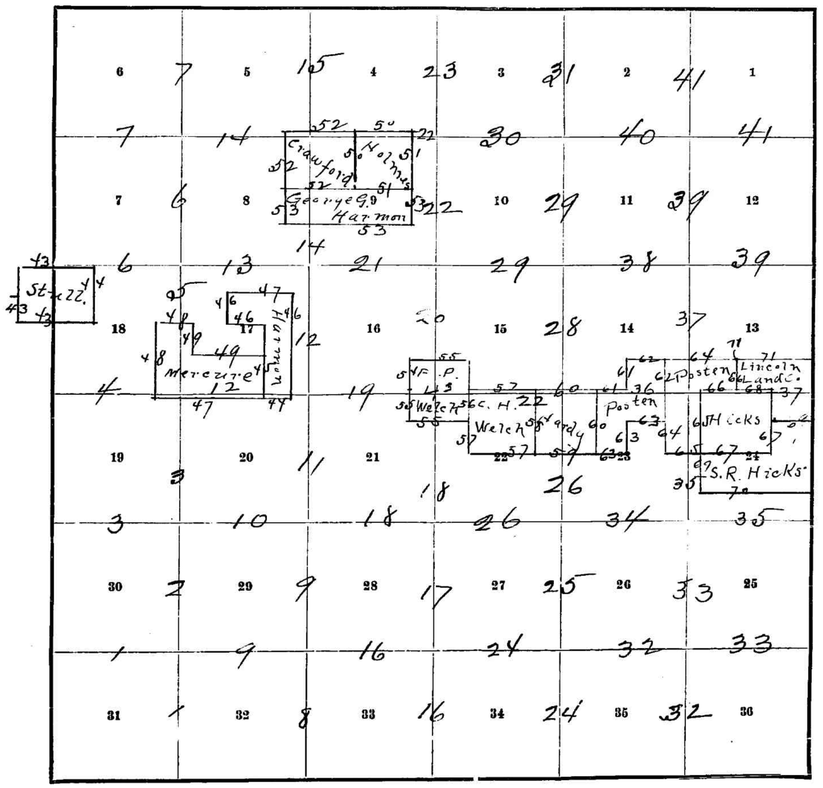
INDEX DIAGRAM.

Township 24 N, Range 31 W.



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Preliminary Oaths of Assistants.

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

....., *Chainman.*

....., *Chainman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

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

....., *Moundman*

....., *Moundman*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

6—151

We, ... and ..... do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corn and other duties, according to instructions given us, to the best of our skill and ability, in the surve of .....

....., *Axm*

....., *Axm*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

I, ..., do solemnly swear that I will well an perform the duties of flagman according to instructions given me, to the best of my skill and ability survey of .....

....., *Fl*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

Subdivision of T. 24 N., R. 31 W.

Chains

The initial meridional section lines of this Tp. were turned from the tangent on the S. bdy.

N. 0° 01' E. bet. secs. 31 and 36
Over rolling foot hills
27.00 Ascend along S. slope of range
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit in S. pit drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground marked
1/4 S. on N. face
47.00 Top of ascent, 70 ft. on range bearing E. and W. thence, over broken ground
58.00 Descend gradually, along N. slope
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 29, 30, 31 and 36, dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit
in S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 24 N., S. 29 on N.E.
R. 31 W., S. 36 on S.E.
S. 31 on S.W. and
S. 30 on N.W. faces with 1 notch on S. and W. edges
Land, broken
Soil, sandy, 3rd rate

N. 89° 46' W. on a random line bet. secs 30 and 31
40.00 Set temp. 1/4 sec. cor.
50.10 Intersect N. bdy. of Tp. 2 lks. S. of the cor. of secs. 25, 30, 31, and 36
Thence S run

Subdivision of T. 24 N., R. 31 W.

Chains	
	S. 89° 45' E. on true line bet. secs. 30 and 31
	Descend along N. E. slope
11.00	Bottom of descent, in pass, bears N. and S.
	ascend slightly along N. W. slope
29.00	Top of ascent, thence along N. slope
40.05	Deposit a charred stake 12 ins. in the ground
	for 1/4 sec. cor. dig pits 18 x 18 x 12 ins. E. and W.
	of cor. 4 ft. dist. and raise a mound of earth
	3 1/2 ft. base 1 1/2 ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2
	ins. sq. 12 ins. in the ground, marked
	1/4 S. on W. face
	Thence along N. slope of range over rolling
	foot hills
80.10	The cor. of secs. 29, 30 31 and 32
	Land, rolling
	Soil, sandy 3rd rate

	N. 0° 01' E. bet. secs. 29 and 30
	Over rolling valley, S. 80° E. and rocky
16.00	Leave valley E. and W. ascend gradually
	along S. slope
40.00	Deposit a charred stake 12 ins. in the ground
	for 1/4 sec. cor. dig pits 18 x 18 x 12 ins. N. and S.
	of cor. 4 ft. dist. and raise a mound of
	earth 3 1/2 ft. base 1 1/2 ft high over deposit
	In S. pit drive an oak stake 2 ft. long
	2 ins. sq. 12 ins. in the ground, marked
	1/4 S. on W. face
73.00	Top of ascent on range, 75 ft. thence over
	broken ground.
80.00	Deposit a charred stake 12 ins. in the ground
	for cor. of secs. 19, 20, 29 and 30 dig pits
	18 x 18 x 12 ins. in each sec. 4 ft. dist. and
	raise a mound of earth 4 ft. base 2 ft.
	high over deposit
	In S. E. pit drive an oak stake 2 ft. long
	2 ins. sq. 12 ins. in the ground, marked
	T. 24 N., R. 20 on N. E.

Subdivision of T. 24 N., R. 31 W.

Chains	
	R. 31 W., S. 29 on S. E.
	S. 30 on S. W. and
	S. 19 on N. W. faces with 2 notches on
	S. and 1 notch on N. Edge
	Land, rolling and broken
	Soil, sandy 3rd rate

	N. 89° 45' W. on a random line bet. secs. 19 and 30
40.00	Set temp. 1/4 sec. 4
80.20	Intersect W. bdy. of Tp. 4 lks. N. of the cor. of
	secs. 19, 24, 25 and 30
	Thence I run
	S. 89° 47' E. on true line bet. secs. 19 and 30
	Descend
0.50	Trail N. 70° W. ascend gradually over broken
	ground.
26.00	Top of ascent, thence over broken ground along
	top of range
40.10	Deposit a charred stake 12 ins. in the ground
	for 1/4 sec. cor. dig pits 18 x 18 x 12 ins. E. and W.
	of cor. 4 ft. dist. and raise a mound of earth
	3 1/2 ft. base 1 1/2 ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins sq.
	12 ins. in the ground, marked
	1/4 S. on W. face
80.20	The cor. of secs. 19, 20, 29, and 30
	Land, broken
	Soil, sandy 3rd rate

	N. 0° 01' E. bet. secs. 19 and 20
	Over broken ground
10.00	Begin gentle descent, along N. slope
39.50	Bottom of descent, enter rolling ground
40.00	Deposit a charred stake 12 ins. in the ground
	for 1/4 sec. cor. dig pits 18 x 18 x 12 ins. N. and S.
	of cor. 4 ft. dist. and raise a mound of earth
	3 1/2 ft. base 1 1/2 ft. high over deposit.
	In S. pit drive an oak stake 2 ft. long 2 ins.

Subdivision of T. 24 N., R. 31 W.

Chains	
	sq. 12 ins. in the ground, marked 1/4 S. on N. face
60.90	Trail from Sturca to Mullen, bears S. 80° E.
69.50	Descend along face of ravine
80.00	Set a hackberry post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for cor of secs. 17, 18, 19, and 20, marked T. 24 N., S. 17 on N. E. R. 31 W., S. 20 on S. E. S. 19 on S. W. and S. 18 on N. W. faces with 3 notches on S. and 1 notch on W. edge, dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high N. of cor. Land, broken Soil, sandy 3rd rate

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	N. 89° 47' W. on a random line bet. secs. 18 & 19
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect W. bdy. of Tp. 6 lks. S. of the cor. of secs. 13, 18, 19, and 24 Thence I run S. 89° 44' E. on true line bet. secs. 18 and 19 Over rolling land
40.00	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face
44.05	Trail to Sturca, bears N. 30° W.
65.00	Descend along E. slope
80.00	The cor. of secs. 17, 18, 19, and 20 Land, rolling Soil, sandy 3rd rate

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Subdivision of T. 24 N., R. 31 W.

Chains	
	N. 0° 01' E. bet. secs. 17 and 18 Descend
3.49	Wire fence along railroad
5.13	Center of track, Burlington and Missouri River railroad, bears S. 66° 39' E. & reverse
5.84	Telegraph line "
6.74	Wire fence "
9.75	Enter abandoned plowing
15.86	Leave " "
18.05	Right bank Soup River, 80 lks wide, course E. Enter rolling valley
23.20	Wire fence, bears N. 60° W.
25.00	Begin gradual ascent, along S. slope
40.00	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ high over deposit In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
55.45	Wire fence, bears E. and W.
75.00	Top of ascent, 200 ft. above river, thence over rolling ground.
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 7, 8, 17 and 18, dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit. In S. E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T. 24 N., S. 8 on N. E. R. 31 W., S. 17 on S. E. S. 18 on S. W. and S. 7 on N. W. faces, with 4 notches on S. and 1 notch on W. edges Soil, sandy 3rd rate Land, broken

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Chains

N. 89°44' W. on a random line bet. secs. 7 and 18
40.00 Set temp. 1/4 sec. cor.
80.14 Intersect W. bdy. of Tp. 17 lks. S of cor. of secs. 7, 12, 13 and 18
Thence I run
S. 89°37' E. on true line bet. secs 7 and 18
Ascend abruptly along S. W. slope of river bluffs
12.00 Top of ascent, 200 ft. thence over broken ground, along S. face of bluffs
25.00 Descend along E. slope of ridge
34.00 Bottom of descent in ravine or pass, ascend along W. slope
40.07 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
67.00 Top of ascent, thence over rolling ground along bluffs
80.14 The cor. of secs. 7, 8, 12 and 18
Sand, broken
Soil, sandy 3rd rate

N. 0°01' E bet. secs. 7 and 8
Along top of range
14.00 Begin descent along N. W. slope
35.00 Bottom of descent, thence over low hills
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. W. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 5, 6, 7 and 8, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound

Chains

of earth 4 ft. base 2 ft. high over deposit
In S. E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 24 N, S. 5 on N. E.
R. 31 W, S 8 on S. E.
S. 7 on S. W. and
S. 6 on N. W. faces with 5 notches on S. and 1 notch on W. edge
Sand, broken
Soil, sandy 3rd rate
October 6, 1896

N. 89°35' W. on a random line bet. secs. 6 and 7
40.00 Set temp. 1/4 sec. cor.
80.06 Intersect W. bdy. of Tp. 8 lks. S. of the cor. of secs 1, 6, 7, and 12
Thence I run
S. 89°34' E. on true line bet. secs. 6 and 7
Over rolling ground, in abandoned plowing
7.60 Leave plowing
40.03 Deposit a charred stake in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq 12 ins. in the ground, marked
1/4 S. on N. face
53.00 Begin ascent along S. W. slope
60.00 Top of ascent 40 ft. N. W. and S.
75.00 Begin descent along N. E. slope
80.06 The cor. of secs. 5, 6, 7 and 8
Sand rolling
Soil, sandy 2nd rate

N. 0°01' E. bet. secs. 5 and 6
Along E. slope of range descending gently
17.00 Bottom of descent, thence over rolling ground
40.00 Deposit a charred stake 12 ins. in the ground

Chains

for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face

87.50 Trail, bears N. 60° W.

84.86 Intersect 6th Standard Parallel, N. 89°40' W. 5.71 chs. dist. from the 1/4 sec. cor. on S. bdy. sec. 33 T. 25 N., R. 31 W.
Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 5 and 6, dig pits 24x18x12 ins. crossw. on each line E. and W. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
C. C. T. 24 N., R. 31 W. on S
S. 5 on E and
S. 6 on W. faces with 5 grooves on E. and 1 groove on W. faces
Land rolling
Soil, sandy 3rd rate
October 12 1896

N. 0°02' E. bet. secs. 32 and 33
Over rolling foot hills

25.00 Begin ascent along S. slope of range

35.00 Top of ascent on ridge, N. 70° W. thence over broken ground

40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. W. and S. of cor. 4 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face

47.00 Descend along W. slope

54.00 Bottom of descent, thence over low hills

[illegible].00 Deposit a charred stake 12 ins. in the ground

Chains

for cor. of secs. 28, 29, 32 and 33, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit
In S.E. pit drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked
T. 24 N., S. 28 on N.E.
R. 31 W., S. 33 on S.E.
S. 32 on S.W. and
S. 29 on N.W. faces with 1 notch on S. and 2 notches on W. edges
Land, rolling and broken
Soil, sandy 3rd rate

N. 89°46' W. on a random line bet. secs. 29 and 32

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect W. and S. line 6 chs. S. of the cor. of secs. 29, 30, 31 and 32
Thence I run
S. 89°43' E. on true line bet. secs. 29 and 32
Over low rolling foot hills, along S. slope of range

39.98 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face

79.96 The cor. of secs. 28, 29, 32 and 33
Land, rolling
Soil, sandy 3rd rate

N. 0°02' E. bet. secs. 28 and 29
Over low rolling hills

21.00 Ascend along S. slope of range

40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. W. and S.

Subdivision of T. 24 N., R. 31 W.

Chains

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

71.00 Top of range, on sand peak 150 ft. high
thence over broken ground

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 20, 21, 28 and 29, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 24 N., S. 21 on N.E.
R. 31 W., S. 28 on S.E.
S. 29 on S.W. and
S. 20 on N.W. faces with 2 notches on S. and W. edges
Land, rolling
Soil, sandy 3rd rate

N. 89° 43' W. on a random line bet. secs. 20 and 29

40.00 Set temp. ¼ sec. cor.

80.12 Intersect N. and S. line 2 lks. N. of the cor. of secs. 19, 20, 29 and 30
Thence I run
S. 89° 44' E. on true line bet. secs. 20 and 29
Over broken ground

28.00 Ridge, bears N.W. and S.E. descend

39.00 Bottom of descent, thence along top of range over ridges

40.06 Deposit a charred stake 12 ins in the ground for ¼ sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S. on W. face

Subdivision of T. 24 N., R. 31 W.

Chains

80.12 The cor. of secs. 20, 21, 28 and 29
Land, broken
Soil, sandy 3rd rate

N. 0° 02' E. bet. secs. 20 and 21

4.00 Descend along W. slope of range

34.00 Bottom of descent, thence over low rolling foot hills

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

45.55 Trail, Seneca to Mullen, bears E. and W.

74.00 Begin descent along W. slope, over bluffs

76.57 Wire fence, along railroad.

78.08 Center of track, Burlington and Missouri River railroad, on curve, tangent bears N. 83° 50' E.

78.91 Telegraph line "

79.59 Wire fence "

79.70 Enter dense growth of underbrush, cherry and ash

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 16, 17, 20 and 21, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked
T. 24 N., S. 16 on N.E.
R. 31 W. S. 21 on S.E.
S. 20 on S.W. and
S. 17 on N.W. faces with 3 notches on S. and 2 on W. edges
Land, broken
Soil, sandy 3rd rate

Subdivision of T. 24 N., R. 31 W.

Chains	
	N. 89°44' W. on a random line bet. secs. 17 and 20
40.00	Set temp. 1/4 sec. cor.
80.20	Intersect N. and S. line 2 lks. S. of the cor. of secs. 17, 18, 19 and
	Thence I run
	S. 89°34' E. on true line bet. secs. 17 and 20
	over ridges and ravines
5.00	Descend gradually, along N.E. slope
7.60	Wire fence, along railroad
16.10	Center of track Burlington and Missouri River railroad bears S. 75°46' E
18.61	Telegraph line "
21.65	Wire fence "
40.10	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face
	Enter Soup Valley, at bottom of descent
63.00	Ascend along N.W. slope of ridge
68.00	Top of ascent
76.00	Descend abruptly along E. slope
80.20	The cor. of secs. 16, 17, 20 and 21
	Land, broken
	Soil, sandy 2nd and 3rd rate

	N. 0°04' E. bet. secs 16 and 17
	through underbrush on river bottom
1.75	Trail, bears S. 60° E.
6.00	Leave underbrush
9.60	Right bank Soup River, course E., 80 lks. wide
17.00	Leave Valley, ascend abruptly
25.00	Top of bluffs 100 ft. above river, ascend gradually over rolling ground, along S.W. slope
40.00	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S.

Subdivision of T. 24 N., R. 31 W.

Chains	
	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 3 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face.
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 8, 9, 16 and 17. dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 3½ ft. base 2 ft. high over deposit
	In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T. 24 N., S. 9 on N.E.
	R. 31 W., S. 16 on S.E.
	S. 17 on S.W. and
	S. 8 on N.W. faces, with 4 notches on S. and 2 on W. edges
	Land, broken
	Soil, sandy 3rd rate

	N. 89°34' W. on a random line bet. secs. 8 and 17
40.00	Set temp. 1/4 sec. cor.
80.14	Intersect N. and S. line 2 lks. N. of the cor. of secs. 7, 8, 17 and 18
	Thence I run
	S. 89°35' E. on true line bet. secs. 8 and 17
	Along top of range ascending
15.00	Top of ascent, on ridge E. and W. 100 ft. above valley
40.07	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face
44.00	Descend along E. slope
67.70	Bottom of descent, in pass, bears N. & S. ascend gradually, along N. slope
80.14	The cor. of secs. 8, 9, 16 and 17
	Land broken Soil, sandy 3rd rate

Subdivision of T. 24 N., R. 31 W.

Chains

N. 0°07' E. bet. secs. 8 and 9
Ascend gradually, along S.W. slope of range
17.00 Top of ascent 30 ft. above cor. thence along
N.W. face
34.00 Begin descent along N. slope
40.00 Deposit a charred stake 12 ins. in the ground
for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S.
of cor. 4 ft. dist. and raise a mound of earth
3½ ft. base 1½ ft. high, over deposit
on S. pit drive an oak stake 2 ft. long 2
ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
57.00 Bottom of descent, thence enter rolling land
80.00 Set a huckberry post 3 ft. long 4 ins. sq.
with a charred stake 24 ins. in the ground
for cor. of secs. 4, 5, 8 and 9, marked
T. 24 N., S. 4 on N.E.
R. 31 W., S. 9 on S.E.
S. 8 on S.W. and
S. 5 on N.W. faces with 5 notches
on S. and 2 on W. edges. dig pits 18x18x12
ins. in each sec. 5½ ft. dist. and raise a
mound of earth 4 ft. base 2 ft. high N.
of cor.
Sand, rolling
Soil, sandy 3rd rate
October 7, 1896

N. 89°35' W. on a random line bet. secs. 5 and 8
40.00 Set temp. 1/4 sec. cor.
80.08 Intersect N. and S. line 6 lks. N. of the cor. of secs.
5, 6, 7, and 8
Thence I run
S. 89°37' E. on true line bet. secs. 5 and 8
Descend along E. slope
17.00 Bottom of descent in pass N.W. and S.E. ascend
along S.W. slope
40.04 Deposit a charred stake 12 ins. in the ground
for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W.

Subdivision of T. 24 N., R. 31 W.

Chains

of cor. 4 ft. dist. and raise a mound of earth
3½ ft. base 1½ ft. high, over deposit
on E. pit drive an oak stake 2 ft. long 2
ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
43.00 Top of ascent on range 75 ft. high, bears
N.W. and S.E.
58.00 Descend along S.E. slope of range
68.00 Bottom of descent, thence over rolling ground
80.08 The cor. of secs. 4, 5, 8, and 9
Sand, broken
Soil, sandy 3rd rate

N. 0°07' E. bet. secs. 4 and 5
Over rolling land
17.20 Trail, bears N.W. and S.E.
39.00 Foot of range, bears S.W. and N.E. ascend
along S.E. slope
40.00 Deposit a charred stake 12 ins. in the ground
for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S.
of cor. 4 ft. dist. and raise a mound of earth
3½ ft. base 1½ ft. high over deposit
on S. pit drive an oak stake 2 ft. long
2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
55.00 Top of ascent, thence over rolling ground
73.00 Begin descent, along N. slope
85.06 Intersect 6th Standard Parallel N. 89°55' W.
5.95 chs. dist. from the 1/4 sec. cor. on S. bdy.
of sec. 34, T. 25 N., R. 31 W.
Deposit a charred stake 12 ins. in the
ground for closing cor. of secs. 4 and 5.
dig pits 24x18x12 ins. crosswise on each
line E., N. and S. of cor. 4 ft. dist. and
raise a mound of earth 4 ft. base 2 ft. high
over deposit
on E. pit drive an oak stake 2 ft. long
2 ins. sq. 12 ins. in the ground, marked
C.C. T. 24 N., R. 31 W. on S.

Chains

S. 4 on E. and
S. 5 on W. faces with 4 grooves
on E. and 2 on W. faces
Land, rolling
Soil, sandy 3rd rate
October 17, 1896

N. 0°03' E. bet. secs. 33 and 34
Ascend over low hills
33.00 Top of ascent, thence along top of low hills
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
55.00 Begin gradual ascent, along S. slope of range over ridges
80.00 Set a hackberry post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, marked
T. 24 N., S. 27 on N.E.
R. 31 W., S. 34 on S.E.
S. 33 on S.W. and
S. 28 on N.W. faces with 1 notch on S. and 3 notches on W. edges, dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land, rolling
Soil, sandy 3rd rate

N. 89°46' W. on a random line bet. secs 28 and 33
40.00 Set temp. 1/4 sec. cor.
80.20 Intersect N. and S. line at the cor. of secs. 28, 29, 32 and 33

Chains

Thence S. on
S. 89°46' E. on true line bet. secs. 28 and 33
Over low hills
27.00 Begin ascent along S.W. slope of range
40.10 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
74.00 Top of ascent 75 ft. thence along S. face of range
80.20 The cor. of secs. 27, 28, 33 and 34
Land, rolling
Soil, sandy 3rd rate

N. 0°03' E. bet. secs. 27 and 28
Ascend gradually, along S. face of range
2.00 Top of range 10 ft. bears E. and W. thence over broken ground
18.00 Begin gradual descent along N.W. slope
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
57.00 Bottom of descent, in pass, N. 80° E.
Ascend abruptly
79.60 Top of ascent 100 ft. above pass
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 21, 22, 27 and 28, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

Chains

T. 24 N., S. 22 on N.E.
R. 31 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 W. edges
Land, broken
Soil, sandy 3rd rate

N. 89°46' W. on a random line bet. secs. 21 and 28
40.00 Set temp. 1/4 sec. cor.
80.20 Intersect N. and S. line 5 lks. N. of the cor. of secs. 20, 21, 28 and 29
Thence I run
S. 89°48' E. on true line bet. secs. 21 and 28
Ascend
2.00 Ridge 30 ft. high N.W. and S.E., descend over low ridges
20.00 Ravine 30 ft. deep, ascend along S.W. slope
32.00 Top of ascent on ridge, descend along N.E. slope
36.50 Ravine, ascend
38.00 Ridge, thence over rolling ground on top of range
40.10 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
69.00 Descend over broken ground
80.20 The cor. of secs. 21, 22, 27 and 28
Land, broken
Soil, sandy 3rd rate

N. 0°03' E. bet. secs. 21 and 22
Descend along N.E. slope, over broken ground
27.00 Bottom of descent, thence over rolling ground

Chains

28.30 Trail, bears N. 80° E.
28.60 Wire fence " "
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
47.00 Begin descent into Soup River Valley
67.81 Wire fence, along railroad
69.42 Center of track Burlington and Missouri River railroad, bears S. 82°22' E. and reverse
70.05 Telegraph line bears S. 82°22' E.
70.76 Wire fence " "
71.50 Enter Soup River Valley
78.90 Right bank Soup River 100 lks wide, course E.
80.00 Deeming it unsafe to build a cor. at this point, I deposit a charred stake 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22
At a point N. 0°03' E. 22 lks dist. from the cor. point, I set a hackberry post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for witness cor. marked
W. C. T. 24 N., S. 15 on N.E.
R. 31 W., S. 22 on S.E.
S. 21 on S.W. and
S. 16 on N.W. faces with 3 notches on S. and W. edges, dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high N. of cor.
Land rolling and broken
Soil, sandy 1st and 3rd rate

N. 89°48' W. on a random line bet. secs 16 and 21
40.00 Set temp. 1/4 sec. cor.
80.00 Intersect N. and S. line 24 lks. N. of the cor.

3, 4, 5, 10, 12, 13, 18, 19, 20

Subdivision of T. 24 N., R. 31 W.

Chains

of secs. 16, 17, 20 and 21
Thence I run
S. 89° 56' E. on true line bet. secs. 16 and 21
Ascend
15.00 Top of ascent 30 ft., descend along N. E. slope
20.00 Bottom of descent, enter Valley
39.85 Trail, bears S. 65° E.
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18×18×12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
42.30 Right bank Loup River S. 85° E.
46.00 Left " " " N. 20° E.
57.00 Left " " " N. 15° E.
65.50 Right " " "
Thence over valley land
64.80 Trail, bears N. 80° E.
70.80 Right bank Loup River, course S. 10° E.
77.10 Left " " " "
80.00 The cor. of secs. 15, 16, 21 and 22
Land, rolling and broken
Soil, sandy 1st and 3rd rate

N. 0° 03' E. bet. secs. 15 and 16
Over rolling valley
69. 1.70 Trail, bears E. and W.
80. 3.50 Wire fence, bears N. W. and S. 70° E.
5.00 Ascend abruptly, along S. slope
15.00 Top of bluff 75 ft. thence over rolling ground
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18×18×12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
27.00 In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked
74 S. on N. face
44.05 Wire fence, bears N. 50° E.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 9, 10, 15 and 16, dig pits 18×18×12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S. E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 24 N., S. 10 on N. E.
R. 31 W., S. 15 on S. E.
S. 16 on S. W. and
S. 9 on N. W. faces with 4 notches on S. and 3 on W. edges
Land, rolling and broken
Soil, sandy 3rd rate

N. 89° 56' W. on a random line bet. secs. 9 and 16
40.00 Set temp. 1/4 sec. cor.
80.24 Intersect N. and S. line 20 lks. S. of the cor. of sec. 8, 9, 16 and 17
Thence I run
S. 89° 47' E. on true line bet. secs. 9 and 16
Ascend along N. slope
6.00 Top of bluff, thence along top of range
39.00 Descend abruptly, along S. E. slope
40.12 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18×18×12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
51.50 Trail, bears N. 30° E.
59.00 Bottom of descent, ascend
77.50 Top of ascent
80.24 The Cor. of secs. 9, 10, 15 and 16
Land, broken. Soil, sandy 3rd rate

Subdivision of T. 24 N., R. 31 W.

Chains

N. 0° 03' E. bet. secs. 9 and 10
Ascend over low hills, sloping S.E.
23.00 Top of ascent, 40 ft. thruck over low ridges.
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
49.00 Begin descent along N.E. slope
57.10 Trail, bears E. and N.
65.00 Bottom of descent enter rolling ground
80.00 Set a hackberry post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for cor. of secs. 3, 4, 9, and 10, marked
T. 24 N., S. 3 on N.E.
R. 31 W., S. 10 on S.E.
S. 9 on S.W. and
S. 4 on N.W. faces, with 5 notches on S. and 3 on W. edges, dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Sand, broken
Soil, sandy 3rd rate
October 8, 1896

N. 89° 47' W. on a random line bet. secs. 4 and 9
40.00 Set temp. 1/4 sec. cor.
79.80 Intersect N. and S. line 3 lks. N. of the cor. of secs. 4, 5, 8, and 9
Thence I run
S. 89° 48' E. on true line bet. secs. 4 and 9
Over rolling ground
20.05 Trail, bears N. 40° W.
24.10 Enter abandoned plowing, extends about 4 chs. N. and 20 S.

Chains

39.90 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
64.00 Leave plowing
68.40 Trail, bears N. and S.
79.80 The cor. of secs. 3, 4, 9, and 10
Sand, rolling
Soil, sandy 2nd rate

N. 0° 03' E. bet. secs. 3 and 4
Over rolling land, along foot of range
28.00 Begin ascent along S.E. slope
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
44.00 Top of ascent, thruck over broken ground
66.00 Begin gradual descent, along N. slope
84.46 Intersect 6th Standard Parallel at a point N. 89° 35' W. 6.26 chs. dist. from the 1/4 sec. cor. on S. bdy. sec. 35 T. 25 N., R. 31 W.
Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 3 and 4, dig pits 24x18x12 ins. crosswise on each line E., W., and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
C.C. T. 24 N., R. 31 W. on S.
S. 3 on E. and
S. 4 on W. faces with 3 grooves on E. and W. faces

3, 4, 5, 10, 12, 13, 18, 19, 20

Subdivision of T. 24 N., R. 31 W.

Chains

Land, rolling and broken
Soil, sandy 3rd rate
October 17, 1896

N. 0°04' E. bet. secs. 34 and 35
Ascend gradually, along S. W. slope of range
20.00 Top of ascent, 30 ft. thence along top of range
36.00 Begin gradual descent along N. W. slope
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
46.00 Bottom of descent, E. and W. ascend gradually along S. slope
70.00 Top of ascent 50 ft. thence across top of range
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 26, 27, 34 and 35, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 24 N., S. 26 on N.E.
R. 31 W., S. 35 on S.E.
S. 34 on S.W. and
S. 27 on N.W. faces with 1 notch on S. and 4 notches on W. edges
Land, broken
Soil, sandy 3rd rate

N. 89°46' W. on a random line bet. secs. 27 and 34
40.00 Set temp. 1/4 sec. cor.
80.00 Intersect N. and S. line 10 lks. S. of the cor. of secs. 27, 28, 33, and 34

Subdivision of T. 24 N., R. 31 W.

Chains

Thence I run
S. 89°42' E. on true line bet. secs. 27 and 34
Along S. face of range, over ridges.
20.00 Descend along E. slope of ridge.
34.00 Bottom of descent, in depression N.W. and S.E.
Ascend along W. slope of ridge
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
44.00 Top of ascent, on ridge, thence across top of range
56.00 Begin descent along E. slope of ridge
63.00 Bottom of descent, in pass. N.W. and S.E. ascend along W. slope
77.00 Top of ascent
80.00 The cor. of secs. 26, 27, 34 and 35
Land, broken
Soil, sandy 3rd rate

N. 0°04' E. bet. secs. 26 and 27
Over rolling ground on top of range
30.00 Begin gradual descent along W. slope
35.00 Bottom of descent, in pass, E. and W. ascend along W. slope
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. W. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
75.00 Top of ascent 50 ft. above pass, thence across top of range
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 22, 23, 26, and 27, dig pits

Chains	
	18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit
	In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T. 24 N., S. 23 on N.E. R. 31 W., S. 26 on S.E. S. 27 on S.W. and S. 22 on N.W. faces with 2 notches on S. and 4 on N. edges
	Land, broken
	Soil, sandy 3rd rate
	N. 89° 42' W. on a random line bet. secs. 22 and 27
40.00	Set temp. 1/4 sec. cor.
80.20	Intersect N. and S. line 7 lks. S. of the cor. of secs. 21, 22, 27, and 28
	Thence I run S. 89° 39' E. on true line bet. secs. 22 and 27
	Over broken ground, along top of hills.
40.10	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
80.20	The cor. of secs. 22, 23, 26, and 27
	Land, broken
	Soil, sandy 3rd rate
	N. 0° 04' E. bet. secs. 22 and 23
	Across top of hills
18.00	Begin descent along N. slope
21.80	Trail, at bottom of descent, bears S. 60° E.
23.00	Begin descent into Soup River Valley
40.00	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S.

Chains	
	of cor. 4 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, over deposit In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
42.00	Bottom of descent in ravine
59.00	Wire fence along railroad
59.70	Center of track, Burlington and Missouri River railroad, bears E. and W. on curve
60.31	Telegraph line "
60.36	Wire fence " Enter valley
67.70	Right bank Soup River 105 lks. wide course S. 80° E.
70.00	Leave valley, ascend abruptly along S. slope
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 14, 15, 22, and 23, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high over deposit. In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T. 24 N., S. 14 on N.E. R. 31 W., S. 23 on S.E. S. 22 on S.W. and S. 15 on N.W. faces with 3 notches on S. and 4 on N. edges
	Land rolling and broken
	Soil, sandy 3rd rate
	N. 89° 39' W. on a random line bet. secs. 15 and 22
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 2 lks. S. of the cor. of secs. 15, 16, 21 and 22
	Thence I run S. 89° 38' E. on true line bet. secs. 15 and 22
	Cross rolling valley, land
2.00	Wire fence, bears N. 15° W.
30.30	Frame house bears S. 20 lks. dist.
35.00	Enter plowed land, abandoned
40.03	Deposit a charred stake 12 ins. in the ground

Subdivision of T. 34 N., R. 31 W.

Chains

for 1/4 sec. cor. dig pits 18x18x12 ins. E. and N. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face

45.30 Leave plowing at wire fence, bears N. 80° W.
ascend along S.W. slope of bluffs
54.00 Top of bluffs, 100 ft.
61.00 Top of ascent, thence along top of bluffs
64.70 Wire fence, bears N. and S.
66.00 Begin descent, along S.E. slope
70.00 Bottom of canon
70.30 Trail, bears N. and S. ascend along N. slope of canon
80.06 The cor. of secs. 14, 15, 22 and 23
Land, rolling and broken
Soil, sandy 2nd and 3rd rate

N. 0° 04' E. bet. secs. 14 and 15
Ascend along S.W. slope of bluffs
3.00 Top of ascent on river bluff, 70 ft. thence over rolling ground
20.75 Trail to thence N. 70° E.
29.00 Begin gradual ascent along S.W. slope
31.00 Top of range
39.50 Begin descent, along N.E. slope
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
60.00 Bottom of descent in pass, N.W. and S.E.
Ascend gradually, along S.W. slope
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 10, 11, 14, and 15, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit

Subdivision of T. 24 N., R. 31 W.

Chains

In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 24 N., S. 11 on N.E.
R. 31 W., S. 14 on S.E.
S. 15 on S.W. and
S. 10 on N.W. faces with 4 notches on S. and W. edges.
Land, broken
Soil, sandy 3rd rate

N. 89° 38' W. on a random line bet. secs. 10 and 15
40.00 Set temp 1/4 sec cor.
80.02 Intersect N. and S. line 7 lks. N. of the cor. of secs. 9, 10, 15 and 16
Thence I run
S. 89° 41' E. on true line bet. secs. 10 and 15
Over rolling ground
2.00 Ascend along N. slope
32.00 Top of ascent descend gradually, along S.E. slope of range
40.01 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and N. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
71.00 Trail at bottom of descent, bears N.W. & S.E.
ascend over rolling ground, along N. slope
80.02 The cor. of secs. 10, 11, 14, and 15
Land, broken
Soil, sandy 3rd rate

N. 0° 04' E. bet. secs. 10 and 11
Over rolling ground, along N. slope, ascend
21.00 Top of ascent, 20 ft.
35.00 Begin descent, along N.W. slope
40.00 Deposit a charred stake 12 ins. in the ground

Chains

for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground
1/4 S. on W. face

41.00 Bottom of descent, thence over low hills

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 2, 3, 10, and 11, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 24 N., S. 2 on N.E.
R. 31 W., S. 11 on S.E.
S. 10 on S.W. and
S. 3 on N.W. faces with 5 notches on S. and 4 on W. edges
Sand, rolling
Soil, sandy 3rd rate

October 9, 1896

N. 89° 41' W. on a random line bet. secs. 3 and 10

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line 3 lks. N. of the cor. of secs. 3, 4, 9 and 10
Thence I run
S. 89° 42' E. on true line bet. secs. 3 and 10
Ascend along S.W. slope of point of range N.W. & S.E.

17.00 Top of ascent 50 ft. thence over rolling ground on top of hills.

20.00 Begin descent along S.E. slope

40.03 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face

Chains

50.00 Bottom of descent, in pass, bears N.W. and S.E.
Ascend over low rolling hills

80.06 The cor. of secs. 2, 3, 10 and 11
Sand, rolling
Soil, sandy 3rd rate

N. 0° 04' E. bet. secs. 2 and 3
Over rolling hills

24.00 Begin gradual descent along W. slope

40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. W. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
Cor. is at foot of range of hills, bearing E. and W.
Ascend along S. slope of range

65.00 Top of ascent 50 ft. thence over rolling ground

73.00 Begin gradual descent along W. slope

84.07 Intersect 6th Standard Parallel at a point N. 89° 05' W. 6.06 chs. dist. from the 1/4 sec. cor. on S. bdy. sec. 36 T. 25 N., R. 31 W.
Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 2 and 3, dig pits 24x18x12 ins. crosswise on each line E., W. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
C.C. T. 24 N., R. 31 W. on S.
S. 2 on E. and
S. 3 on W. faces with
2 grooves on E. and 4 on W. faces
Sand, rolling
Soil, sandy 3rd rate

October 17, 1896

Chains	
	N. 0°05' E. bet. secs. 35 and 36
	Over low hills
40.00	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
	Cor. is in a pass, about 1 ch. wide, ascend gradually along S. slope
69.00	Sand peak, descend along N. slope
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 25, 26, 35 and 36, dig pits 18x18x12 ins. in each sec. 4 ft. dist and raise a mound of earth ~~4 ft. base~~ 2 ft. high over deposit.
	In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T. 24 N., S. 25 on N.E. R. 31 W., S. 36 on S.E. S. 35 on S.W. and S. 26 on N.W. faces with 1 notch on S. and 5 notches on W. edges
	Land, rolling
	Soil, sandy 3rd rate

	N. 89° 46' W. on a random line bet. secs. 26 and 35
40.00	Set temp. 1/4 sec. cor.
80.02	Intersect N. and S. line at the cor. of secs. 26, 27, 34 and 35
	Thence I run
	S. 89° 46' E. on true line bet. secs. 26 and 35
	Over low hills
20.00	Depression N.W. and S.E.
40.01	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit

Chains	
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
45.00	Pass, bears N. and S.
80.02	The cor. of secs. 25, 26, 35 and 36
	Land, rolling
	Soil, sandy 3rd rate

	S. 89° 46' E. on a random line bet. secs. 25 and 36
40.00	Set temp. 1/4 sec. cor.
62.46	Intersect E. bdy. of Tp. 2 chs. S. of the cor. of secs. 25, 30, 31 and 36
	Thence I run
	N. 89° 47' W. on true line bet. secs. 25 and 36
	Ascend gradually
6.00	Descend along N. slope
16.00	Pass, bears N. and S. ascend
22.46	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits, 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
62.46	The cor. of secs. 25, 26, 35 and 36
	Land, rolling.
	Soil, sandy 3rd rate

	N. 0°05' E. bet. secs. 25 and 26
	Descend along N. slope of range
29.00	Bottom of descent in pass, E. and W. ascend along S. slope
40.00	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face

Chains

54.00 Top of ascent on range 50 ft. above pass
69.00 Begin descent along N. slope
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 23, 24, 25 and 26, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 24 N., S. 24 on N.E.
R. 31 W., S. 25 on S.E.
S. 26 on S.W. and
S. 23 on N.W. faces with 2 notches on S. and 5 on N. edges
Land, broken
Soil, sandy, 3rd rate

N. 89°46' W. on a random line bet. secs. 23 and 26
40.00 Set temp. 1/4 sec. cor.
80.20 Intersect N. and S. line 10 lks. N. of the cor. of secs. 22, 23, 26 and 27
Thence I run
S. 89°50' E. on true line bet. secs. 23 and 26
Ascend
4.00 Top of ascent 20 ft. above cor. thence along top of range, over broken ground
40.10 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
40.75 Descend along W. face
53.00 Bottom of descent, thence over W. slope of range, over rolling ground
80.20 The cor. of secs. 23, 24, 25 and 26
Land broken
Soil, sandy 3rd rate

Chains

S. 89°47' E. on a random line bet. secs. 24 and 25
40.00 Set temp. 1/4 sec. cor.
67.90 Intersect E. bdy. of Tp. 2 lks. N. of the cor. of secs. 19, 24, 25 and 30
Thence I run
N. 89°46' W. on true line bet. secs. 24 and 25
Ascend gradually, along N.E. slope
27.90 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
30.00 Top of ascent, thence along W. slope
54.00 Descend
67.90 The cor. of secs. 23, 24, 25 and 26
Land, rolling and broken
Soil, sandy 3rd rate

N. 0°05' E. bet. secs. 23 and 24
Descend gradually.
10.00 Bottom of descent, thence over low rolling foot hills
30.50 Trail, bears S. 70° W. and N. 40° E.
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. W. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
41.22 Wire fence, bears E. and W.
42.80 Enter abandoned plowing
57.00 Leave " "
59.00 Begin gradual descent, along river bluff
78.50 Bottom of descent in ravine 20 ft. deep
Ascend along S. W. slope
80.00 Set a hackberry post 3 ft. long 4 ins. sq. with

3, 4, 5, 10, 12, 13 & 18, 19, 20

Subdivision of T. 24 N., R. 31 W.

Chains

a charred stake 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, marked
T. 24 N., S. 13 on N. E.
R. 31 W., S. 24 on S. E.
S. 23 on S. W. and
S. 14 on N. W. faces, with 3 notches on S. and 5 on W. edges, dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high N. of cor.
Land, rolling and broken
Soil, sandy 3rd rate

N. 89° 50' W. on a random line bet. secs. 14 and 23
40.00 Set temp. ¼ sec. cor.
80.20 Intersect N. and S. line 10 lks. N. of the cor. of secs 14, 15, 22 and 23
Thence I run
S. 89° 54' E. on true line bet. secs. 14 and 23
Ascend along W. slope of ridge
2.00 Top of ascent, descend abruptly
8.00 Bottom of canon, ascend
17.00 Top of ascent on ridge, N. and S. thence along top of bluffs
24.30 Wire fence, bears N. and S.
31.00 Descend abruptly, along S. E. slope
40.10 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor. dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S. on W. face
49.50 Bottom of descent, enter rolling valley land
58.30 Left bank Soup river, course N. 70° E.
60.20 Right " " " " "
64.70 Wire fence, along railroad
64.76 Telegraph line " "
66.74 Center of track Burlington and Missouri River railroad bears N. 67° 41' E.

Subdivision of T. 24 N., R. 31 W.

Chains

67.55 Wire fence, along railroad
70.00 Ascend
72.00 Top of ascent 30 ft.
78.00 Descend
79.50 Bottom of descent, in ravine, ascend
80.20 The cor. of secs. 13, 14, 23 and 24
Land, rolling and broken
Soil, sandy 3rd rate

S. 89° 46' E. on a random line bet. secs. 13 and 24
40.00 Set temp. ¼ sec. cor.
67.80 Intersect E. bdy. of Tp. 24 - 1 lks. N. of the cor. of secs. 13, 18, 19, and 24
Thence I run
N. 89° 31' W. on true line bet. secs. 13 and 24
Over rolling ground, along N. slope of hills
72.80 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor. dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S. on W. face
78.00 Sod house bears N. 15 lks. dist.
80.00 Begin ascent.
53.93 Wire fence bears N. and S. at top of ascent, descend
67.80 The cor. of Secs. 13, 14, 23 and 24
Land, rolling and broken
Soil, sandy 2nd and 3rd rate

October 10, 1896

N. 0° 05' E. bet. secs. 13 and 14
Ascend
2.50 Top of ascent 15 ft. descend along N. slope of river, bluffs
5.21 Wire fence along railroad, at bottom of descent
5.62 Center of track Burlington and Missouri River railroad, bears N. 67° 41' E. and reverse

Chains

6.34 Telegraph line, bears N. 67° 41' E.
6.63 Wire fence
9.05 Right bank Soup River, 85 lks. Mid. course N. 70 E.
11.75 Trail bears E. and W.
18.00 Ascend abruptly, along river bluffs
25.00 Top of bluffs 100 ft. thence over rolling land
40.00 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
On S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs 11, 12, 13 and 14, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft high over deposit
On S pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 24 N., S. 12 on N.E.
R. 31 W., S. 13 on S.E.
S. 14 on S.W. and
S. 11 on N.W. faces with 4 notches on S. and 5 on W. edges
Land, rolling and broken
Soil, sandy, 3rd rate

N. 89° 54' W. on a random line bet. secs. 11 and 14
40.00 Set temp. 1/4 sec. cor.
80.04 Intersect N. and S. line 22 lks. S. of the cor. of secs. 10, 11, 14, and 15
Thence I run
S. 89° 45' E. on true line bet. secs. 11 and 14
Ascend along N. slope
10.00 Top of ascent, thence along S. face of range
20.50 Wire fence N. and S.
40.02 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth

Chains

3½ ft. base 1½ ft. high over deposit
On E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
43.00 Descend along S.E. slope of range
54.00 Bottom of descent, thence over rolling land
69.15 Trail, bears N. 35° E.
80.04 The cor. of secs. 11, 12, 13 and 14
Land, rolling and broken
Soil, sandy 2nd and 3rd rate

S. 89° 31' E. on a random line bet. secs. 12 and 13
40.00 Set temp. 1/4 sec. cor.
62.76 Intersect E. bdy. of Tp. 15 lks. S. of the cor. of secs. 7, 12, 13, and 18
Thence I run
N. 89° 39' W. on true line bet. secs. 12 and 13
Descend over rolling hills
17.00 Trail, bears N.W. and S.E. ascend gulch
22.76 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
On E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face
51.06 Wire fence, bears N. 70° W. thence over rolling hills
62.76 The cor. of secs. 11, 12, 13, and 14
Land rolling
Soil, sandy 3rd rate

N. 0° 05' E. bet. secs. 11 and 12
Over low hills
9.42 Wire fence, bears N. 60° W.
15.30 Trail " "
27.00 Begin ascent along S.W. slope
39.00 Top of ascent 40 ft., descend along N.W. slope

Subdivision of T. 24 N., R. 31 W.

Chains	
40.00	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face
70.00	Bottom of descent, thence over rolling ground
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 1, 2, 11, and 12, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit. In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T. 24 N., S. 1 on N.E. R. 31 W., S. 12 on S.E. S. 11 on S.W. and S. 2 on N.W. faces with 5 notches on S. and W. edges
	Land, rolling
	Soil, sandy 3rd rate

	N. 89° 45' W. on a random line bet. secs. 2 and 11
40.00	Set temp. 1/4 sec. cor.
80.14	Intersect N. and S. line 3 lks. N. of the cor. of secs. 2, 3, 10 and 11
	Thence I run S. 89° 46' E. on true line bet. secs. 2 and 11 over rolling N.W. slope
8.00	Begin ascent along N.W. slope
27.00	Top of ascent, thence over rolling ground
36.00	Begin descent along E. slope
40.07	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked 1/4 S. on N. face

Subdivision of T. 24 N., R. 31 W.

Chains	
77.00	Bottom of descent, thence over rolling ground
78.90	Trail, bears N. 5° E.
80.14	The cor. of secs. 1, 2, 11, and 12
	Land, rolling
	Soil, sandy 3rd rate

	S. 89° 39' E. on a random line bet. secs. 1 and 12
40.00	Set temp. 1/4 sec. cor.
67.48	Intersect E. bdy. of Tp. 5 lks. N. of the cor. of secs. 1, 6, 7, and 12
	Thence I run N. 89° 39' W. on true line bet. secs. 1 and 12 over rolling valley land
27.48	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face
73.60	Trail, bears S. 30° E.
67.48	The cor. of secs. 1, 2, 11, and 12
	Land rolling
	Soil, sandy 3rd rate

	N. 0° 05' E. bet. secs. 1 and 2 over rolling land
18.20	Trail, bears S. 35° E.
35.00	Leave valley, ascend gradually along S.E. slope
40.00	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face
46.00	Top of ascent 75 ft. on range E. and W.

Subdivision of T. 24 N., R. 31 W.

Chains	
54.00	Begin descent along N. slope
73.00	Bottom of descent, thence over rolling land
83.08	Intersect 6th Standard Parallel at a point N. 89° 20' W. 6.06 chs. dist. from the 1/4 sec. cor. on S. bdy. sec. 31 T. 25 N., R. 30 W.
	Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 1 and 2, dig pits 24 x 18 x 12 ins. crosswise on each line E., W., and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
	C.C. T. 24 N., R. 31 W. on S.
	S. 1 on E. and
	S. 2 on W. faces with
	1 groove on E. and 5 grooves on W. faces
	Land, rolling
	Soil, sandy 3rd rate
	October 13, 1896

General Description

This Tp. consists of ranges of sand hills, broken in the S. and rolling in the Northern parts of the Tp.

Along the Loup River the land is bluffy, with steep banks on the N., and broken canons on the S. sides of the stream.

The river bottom is narrow and rolling much of it being covered with underbrush of plum and ash.

The Loup River here is about 1 ch. wide and 2 ft. deep, with a rapid current.

No timber in Tp. except along river

Vegetation consists of buffalo and bunch grasses.

Soil is very sandy and unfit for cultivation

Willard W. Alt.
U. S. Surveyor.

October 13, 1896

Sec 40 - Contains 85.56 Acres (see plat) but the N & S ends are given as 38.42 chs.

Claim lines of T. 24 N., R. 31 W.

Chains	
	S. 40)
	The Pre. claim of Henry Gordon on Secs. 13, 24-R 31 W and 18, owned by Stull Brothers of Lincoln, Neb. Area 153.68 Acres
	The N. W. cor. is described in the notes of the survey of the H.E. claim of Chas. Satterlee T. 24 N., R. 31 W.
	As the claim will be made 40 chs. N. and S. the width should be 1536.8 sq. chs. divided by 40, which is 38.42 chs.
	From the S.E. cor. of the H.E. claim of Charles Satterlee, I run
	S. along W. bdy. -
	Ascend gradually along N. slope
15.00	Top of ascent 50 ft. thence over rolling ground
20.00	Deposit a charred stake 12 ins. in the ground for S. W. cor. of the claim, dig pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	S. B. on N. E. face
	Thence I run
	East, along S. bdy.
	Over rolling ground, along top of low hills.
38.42	Alt trmp. cor.
	From the N. W. cor. I run
	East, along N. bdy. of the claim
	Along S. slope of bluff
10.00	Descend along S. E. slope
14.00	Bottom of descent
18.00	Begin ascent along S. W. face of bluff
30.00	Top of ascent 200 ft. above river, thence along S. face of bluff

This plat of Sec 40 only, with the Range line on the West side of claim.

This should be the distances to the intersection with Mr. Ramy's line only —

Chains	
38.42	Deposit a charred stake 12 ins. in the ground for N.E. 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 S.B. on S.W. face Thence I run
	South along E. bdy.
1.00	Descend abruptly, along S. slope
9.00	Bottom of descent, thence over rolling land
14.30	Left bank Soup River 1 ch. wide, course N. 80° E.
29.80	Trail, bears N. 60° W.
36.00	Ascend
39.00	Top of ascent
40.00	The temp. cor. where I deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim, dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked S.B. on N.W. face Land, rolling and broken Soil, sandy 2nd and 3rd rate

S. 42

The H.E. claim of James R. Harmon on secs. 17 and 20 Area 160 acres

The S.E. cor. of the claim is a stake in mound said to be the old cor. of secs. 16, 17, 20 and 21
Thence I run
West, along S. bdy. of the claim
Descend along N.W. slope

2.00	Bottom of descent, thence over rolling ground through underbrush

Chains	
19.80	Wire fence, bears N. and S.
20.00	Deposit a charred stake 12 ins. in the ground for S.W. cor. of the claim, and S.E. cor. of the H.E. claim of Irving L. Mercure, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J.R.H. on N.E. and I.L.M. on N.W. faces This cor. bears S. 86° 12' E. 4.36 chs. dist. from the ¼ sec. cor. bet. secs. 17 and 20 Lat. 0.29 S., Dep. 4.35 chs. E. Thence I run
	North, bet. this claim and the H.E. claim of Irving L. Mercure
1.90	Trail, bears S. 70° E.
7.00	Enter low bottom
17.50	Right bank Soup River, 110 lks wide, S.E.
13.60	Foot of bluffs, ascend abruptly
20.00	Deposit a charred stake 12 ins. in the ground for N.E. cor. of the E. part of Irving Mercure's H.E. claim, dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked I.L.M. on S.W. face
20.30	Top of bluffs, thence over rolling table land gradual descent
40.00	Deposit a charred stake 12 ins. in the ground for N.W. cor. of the S. part of claim, dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J.R.H. on S.E. face

Claim lines of T. 24 N., R. 31 W.

Chains	
	West along S. bdy. of the N. part of claim
	Over rolling table land
20.00	Deposit a charred stake 12 ins. in the ground for S.W. cor. of the N. 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 J.R.H. on N.E. face
	Thence I run

	North, along W. bdy. of the N. part of claim
	Over rolling ground
20.00	Set temp. cor.

	From the S.E. cor. I run
	North, along E. bdy. of the claim
	Descend gradually.
3.20	Trail, bears E. and W.
5.75	Enter wet bottom
7.75	Right bank Soup River, course N. 80° E.
9.30	Left " " "
13.00	Harmon's house bears W. 3 chs. dist.
16.00	Foot of steep hill, ascend abruptly
22.00	Top of ascent 100 ft. thence over high rolling table land
40.00	Descend gradually
60.00	Deposit a charred stake 12 ins. in the ground for N.E. 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.R.H. on S.W. face
	Thence I run

Claim lines of T. 24 N., R. 31 W.

Chains	
	West on a random line
40.00	The temp. N.W. cor. where I deposit a charred stake 12 ins. in the ground, dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J.R.H. on S.E. face
	Thence I run
	East on true line, along N. bdy.
	Over rolling table land.
40.00	The N.E. cor. of the claim
	Land, rolling and broken
	Soil, sandy 2nd and 3rd rate

S. 4

The H.E. claim of Irving S. Mercure on secs. 17 and 18 Area 160 acres

The E. bdy. of the E. part of the claim is described in the notes of the survey of J.R. Harmon's H.E. claim

	From the S.E. cor. of the claim I run
	West, along S. bdy.
	Over rolling ground
18.00	Begin ascent along N.E. slope
22.36	Wire fence along railroad
25.00	Top of ascent, thence over ridges and ravines, along N. face. Telegraph line along railroad
27.40	Center of track, Burlington and Missouri River railroad, bears N. 64° 25' W.
31.84	Wire fence " "
47.00	Ridge
52.00	Ravine
58.00	Top of ascent, thence over rolling ground
60.00	Deposit a charred stake 12 ins. in the ground for S.W. cor. of the claim, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise

Claim lines of T. 24 N., R. 31 W.

Chains	
	a mound of earth 3½ ft. base 1½ ft. high over deposit
	In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	I. L. M. on N. E. face
	Thence I run
	North, along W. bdy. of the claim
	Over rolling ground
8.00	Begin descent along N. slope
9.00	Wire fence along railroad
10.52	Center of track Burlington and Missouri River railroad on 1° curve to South, curve merges into tangent, about 200 ft. to the W. which bears S. 85° 25' E.
11.36	Telegraph line along railroad
12.01	Wire fence " "
18.00	Bottom of descent
23.80	Trail, E. and W.
27.75	Right bank Loup River, course S. 60° E. 1 ch. wide
28.50	Toot of bluff, ascend abruptly
36.00	Top of " 120 ft. above river, descend into depression
40.00	Deposit a charred stake 12 ins. in the ground for N. W. cor. of the claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	I. L. M. on S. E. face
	Thence I run
	East, along N. bdy. of the W. part of claim
	Ascend out of depression
1.50	Top of ascent, descend
8.00	Ravine, course S. E.
10.00	Branch of ravine, course S. 30° W. ascend
20.00	Deposit a charred stake 12 ins. in the ground

Claim lines of T. 24 N., R. 31 W.

Chains	
	for N. E. 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
	I. L. M. on S. W. face
	Thence I run
	South, along E. bdy. of the W. part of claim
	Descend along S. W. slope
19.50	Left bank Loup River, and the point for cor. falls nearly in the center of stream, therefore at a point 1 ch. N. of the cor. point, on high bank I deposit a charred stake 12 ins. in the ground for witness cor. 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. C. I. L. M. on S. E. face
	From a point 96 lks. N. of the cor. or 4 lks. S. of the preceding witness cor. I run
	East on a random line
40.00	Intersect N. and S. line 96 lks. N. of the N. E. cor. of the E. part of claim
	Thence I run
	West on true line along N. bdy.
	Ascend
0.50	Top of bluff 150 ft. above river, descend abruptly
4.00	Bottom of descent, ascend small elevation
7.00	Top of hill, descend
10.00	Bottom of descent, ascend
14.00	Top of ascent, on S. point of hill, descend
17.50	Enter bottom
35.00	Left bank Loup River, course S. 70° E.

20.00 point in [illegible] for S.E. cor. N. 40 acres

Chains	
40.00	The point for N.W. cor. of the E. part of claim in the middle of Soup River
	Land, rolling and broken
	Soil, sandy 2nd and 3rd rate October 14, 1896

S. 37

The H.E. claim of James W. Holmes on secs. 4 and 9 Area 160 acres

The N.E. cor. of claim is a cedar stake, said to be the old cor. of secs. 3, 4, 9 and 10.
I build here a new cor. deposit a charred stake 12 ins. in the ground, dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J.W.H. on S.W. face
At the request of this representative the claims of G.G. Harmon and J.M. Crawford are surveyed from this cor.
Thence I run
West along N. bdy.
Over rolling ground, along N. edge of abandoned plowing
40.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of claim, and N.E. cor. of the J.M. Crawford T.C. claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked
J.W.H. on S.E. and
J.M.C. on S.W. faces
This cor. bears N.84°05' W. 15.90 chs. dist. from the ¼ cor. bet. secs. 4 and 9, Lat. 164 N, Dep. 1581 W.
Thence I run

South bet. this claim, and the J.M. Crawford

Chains	
	T.C. claim
	Over rolling ground
27.80	N.W. cor. plowed field
40.00	Set temp. cor.

From the N.E. cor. I run
South, along E. bdy. of the claim
Over rolling foot hills.
24.70 Trail, bears E. and W. ascend
27.00 Top of ascent, thence over low hills
40.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim, and N.E. cor. of G.G. Harmon's H.E. claim, dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In W. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J.W.H. on N.W. and
G.G.H. on S.W. faces
Thence I run

West, bet. this claim and the G.G. Harmon H.E. claim
Over rolling hills
6.00 Begin gentle descent
18.70 Trail, bears N.30° W.
27.20 Enter plowing, ascend gently over rolling ground
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for S.W. cor. of claim and S.E. cor. of the J.M. Crawford T.C. claim dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J.W.H. on N.E. and
J.M.C. on N.W. faces
Land, rolling Soil 2nd rate

Chains

S. 38

The T.C. claim of James M. Crawford on Secs. 4, 5, 8 and 9 Area 160 Acres

The E. bdy. is described in the notes of the survey of James N. Holmes H.E. claim
From the N.E. cor. I run
West along N. bdy. of the claim
Over rolling prairie
4.45 Trail, bears N. 40° W.
31.40 N.E. cor. plowed field
34.00 Leave " " ascend gradually along E. slope
40.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of the claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of Earth 3½ ft. base 1½ ft. high over deposit In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J.M.C. on N.W. face
Thence I run

South, along W. bdy. of the claim
along E. slope of hills
6.00 Descend over rolling foot hills
30.00 Bottom of descent in pass, bears N.E. and S.W.
thence over rolling ground, sloping to N.W.
40.00 Set temp. cor.

From the S.E. cor. of the claim I run
West, bet. this claim and the H.E. claim of G.G. Harmon
ascend gently, over abandoned plowing
27.00 Top of ascent, leave plowing, descend gently along W. W. slope
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground, for S.W. cor. of claim and N.W. cor. of H.E. claim of G.G. Harmon dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist.

Chains

and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked
J.M.C. on N.E. and
G.G.H. on S.E. faces
Sand, rolling
Soil, 2nd rate

No 39

The H.E. claim of George H. Harmon on Secs. 8 and 9 Area 160 Acres

The N. bdy. is described in the notes of the survey of James M. Crawford, and James N. Holmes claims.
From the N.W. cor. I run
South, along W. bdy. of the claim
Over rolling ground sloping to W.
20.00 Set temp. cor.

From the N.E. cor. of the claim which bears N. 83° 22' W. 15.96 chs. dist. from the ¼ sec. cor. bet. Secs. 9 and 10, Lat. 1.82 N., Dep. 15.64 W.
I run
South, along E. bdy. of the claim
Over rolling foot hills
20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim, dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of Earth 3½ ft. base 1½ ft. high over deposit In W. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
G.G.H. on W. W. face
Thence I run

West along S. bdy. of the claim
Descend over low rolling hills,

Chains	
13.70	Trail, bears S. 30° E. ascend along N.E. slope of range
40.00	Top of ascent 100 ft. thence descend over broken ground, along N. slope
80.00	The temp. cor. where I deposit a charred stake 12 ins. in the ground, for S.W. cor. of the claim dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked G.G.H. on N.E. face
	Land, rolling and broken
	Soil, 2nd and 3rd rate

S. 43

The H.E. claim of Frederick A. Welch on secs. 15, 16, 21 and 22, owned by Frederick P. Welch

Area 160 acres

The claim is marked by the old cor. of secs. 15, 16, 21 and 22, which is the middle point on the W. bdy. of the claim

Thence I run

North, along W. bdy.

Over rolling land, through underbrush

6.85	Right bank Loup River 1 ch. wide, course S. 80° E. ascend abruptly
15.00	Top of ascent, on E. face of canon
20.00	Deposit a charred stake 12 ins. in the ground for N.W. cor. of the claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T.P.W. on S.E. face

The old cor. of secs. 15, 16, 21 and 22 is a cedar stake in flat mound, which bears S. 88°48' W. 15.55 chs. dist. from W.C. to secs. 15, 16, 21, and 22, Lat. 0.37 chs., Dep. 15.53 chs.

Chains	
	East, along N. bdy.
	Over ridges and ravines, along S. face of bluffs ascend
7.00	Top of ascent, descend
10.88	Wire fence, bears N. and S.
11.00	Bottom of canon 100 ft. deep, ascend
15.00	Top of ridge
40.00	Set temp. cor.

From the point of beginning I run

South, along W. bdy.

Over rolling land, through underbrush

1.30	Trail, bears N.E. and S.W.
7.78	Wire fence along railroad, ascend
8.44	Telegraph line " "
9.04	Center of track Burlington and Missouri River railroad, bears S. 82°15' E.
10.05	Wire fence " "
18.00	Top of ascent on E. face of low ridge
20.00	Deposit a charred stake 12 ins. in the ground for S.W. cor. of the claim, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked F.P.W. on N.E. face
	Thence I run

East along S. bdy.

Over ridges, along N. slope, descending

4.00	Bottom of descent, ascend
10.00	Top of ascent, descend
15.00	Bottom of descent, ascend along N.W. slope
28.00	Top of ascent, descend
40.00	Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim, dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.

Chains	
	In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked F.P.W. on N.W. face
	Cor. is at bottom of descent in ravine
	Thence I run
	North bet. this claim and the H.E. claim of Charles H. Welch
	Ascend out of canon
3.00	Top of ascent 40 ft. descend along N. slope
4.74	Wire fence along railroad
5.54	Center of track Burlington and Missouri River railroad, bears N. 87° 17' W.
6.16	Telegraph line " "
6.26	Wire fence " "
8.00	Bottom of descent, thence over rolling land through underbrush
12.60	Right bank Soup River course N.
16.70	Left " " " " N.E. ascend over rolling ground
34.00	Top of ascent, thence over rolling ground
40.00	The temp. N.E. cor. where I deposit a charred stake 12 ins. in the ground, dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit
	In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked F.P.W. on S.W. face
	Land, rolling and broken
	Soil, sandy 2nd and 3rd rate October 15, 1896

S 44)

The H.E. claim of Charles H. Welch on sec. 2w Area 160 Acres

This claim is marked by a cedar post in mound at N.E. cor. said to be the old cor. of secs. 14, 15, 2w and w3

Thence I run

Chains	
	West, along N. bdy.
	Over rolling ground, on top of bluff
11.00	Begin descent, along S.W. slope
15.00	Bottom of descent, enter rolling ground
20.00	Trail, bears N. 35° E.
28.00	Begin ascent along S.E. slope
28.50	E. edge of corral
31.00	W. " " "
37.00	Top of ascent, descend
35.00	Welch's house bears S. 2 chs. dist.
40.35	Intersect E. bdy. of Fredrick P. Welch's H.E. claim 21.14 chs. N. of the S.E. cor. of said claim, where I deposit a charred stake 12 ins. in the ground for N.W. cor. of the claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked C.H.W. on S.E. face
	The width E. and W. being 40.35 chs. the other dimension should be 1600 sq. chs. divided by 40.35 which is 39.65 chs. Therefore from the S.E. cor. of F.P. Welch's H.E. claim I run
	South, along W. bdy. from S.E. cor. H.E. claim of Fredrick P. Welch
	along W. face of ravine
18.51	Deposit a charred stake 12 ins. in the ground for S.W. cor. of the claim, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked C.H.W. on N.E. face
	Thence I run
	East, along S. bdy.
	Ascend over broken ground

Omits dist. from S.E. cor F.P. Welch claim N. to N.W. cor. of No. 45

Claim lines of T. 24 N., R. 31 W.

Chains	
9.00	Top of ascent on ridge, descend over ridges and ravines
18.00	Ravine 40 ft. deep, course N.
29.00	Begin descent
37.00	Bottom of descent, thence over rolling ground
39.99	Wire fence, bears N. and S.
40.35	Set temp cor.

From the N.E. cor. of the claim I run South, bet. this claim and the H.E. claim of J. A. Holmes, owned by Walter Hardy
Over rolling ground

4.00	Descend abruptly, along S. slope
12.00	Bottom of descent, thence over rolling bottom through underbrush
14.40	Left bank Soup River 80 lks. wide course S. 85° E.
20.25	Wire fence along railroad
20.35	Telegraph line " "
20.98	Center of track, Burlington and Missouri River railroad, bears N. 82° 16' W.
24.38	Wire fence " "
25.50	Begin ascent
27.15	Top of ascent 40 ft. thence over broken foot hills
39.65	The temp. cor. where I deposit a charred stake 12 ins. in the ground for S.E. cor. of claim, dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit in N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked C.H.W. on N.W. face

This cor. bears S. 80° 59' W., 15.37 chs. from the ¼ sec. cor. bet. secs. 22 and 23
Lat. 2.41 S., Dep. 15.19 W.

Land, rolling and broken
Soil, sandy 2nd and 3rd rate

Claim lines of T. 24 N., R. 31 W.

Chains (S. 43)

The H.E. claim of Jonathan A. Holmes on secs. 22 and 23, owned by Walter Hardy
Area 160 acres

By agreement bet. Walter Hardy, David M. Posten and the representations of the claims of Felix Posten Oscar F. Hicks, Samuel R. Hicks and David Rankin, said claims are located from the old cor. of secs. 14, 15, 22 and 23, which is the N.W. cor. of the claim of Walter Hardy,
At a point S. 35 lks. dist. from the S.E. cor. of the Charles H. Welch H.E. claim I deposit a charred stake 12 ins. in the ground for S.W. cor. of the claim, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit in N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W.H. on N.E. face
This cor. bears S. 82° 40' W. 15.33 chs. from the ¼ cor. bet. secs. 22 and 23. Lat. 2.06 S., Dep. 15.19 W.

East, along S. bdy.
Ascend

6.00	Top of ascent, thence along N. slope, over ridges and ravines
32.00	Begin abrupt descent.
38.00	Bottom of descent, in canon, ascend
40.00	Deposit a oak stake 12 ins. in the ground for S.E. cor. of claim, and S.W. cor. of the W. part of the Felix Posten H.E. claim, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit in N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked W.H. on N.W. and F.P. on N.E. faces

Thence I run

Chains	
	North bet. this claim, and the H.E. claim of Felix Postka.
	Over broken ground, along N. face of canon
14.00	Begin descent.
16.00	Bottom of descent, enter rolling ground
18.00	S. Edge of old river bed, too soft to chain over To obtain the dist. across, I set flag on line on opposite bank, then measure a base line E. 3 chs. to a point whence the flag bears N. 45° W. therefore the dist. across is equal to the base and 18 plus 3 makes
21.00	N. Edge of lake
21.04	Wire fence, along railroad
21.28	Center of track Burlington and Missouri River railroad, on 1° curve
21.94	Telegraph line along railroad
22.00	Wire fence " " Enter dense underbrush
24.17	Right bank Loup river, 53 lks mdk, course N. 85° E.
28.00	Begin ascent along N. slope
36.00	Top of ascent, 100 ft; thence over rolling ground
40.00	Set temp. cor.

From the N. W. cor. of the claim I run
East along N. bdy.
Over rolling ground
2.00 Descend abruptly
6.00 Bottom of descent in canon, ascend
17.00 Top of ascent, descend
27.50 Canon 100 ft. deep, ascend
30.00 Top of ascent, thence over rolling ground
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for N.E. cor. of the claim, and N.W. cor. of the N. part of Felix Postka's H.E. claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq.

Chains	
	12 ins. in the ground, marked N. H. on S. N. and F. P. on S.E. faces

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S. 46

The H. E. claim of Felix Postka on secs. 14 and 23 Area 160 Acres.

The N. bdy. of the N. part of claim is described in the notes of the survey of the claim of Walter Hardy
From the N.W. cor. of the N. part of claim I run East, along N. bdy.
Along S. face of bluffs, over ridges
8.00 Ravine, course S.
20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the N. part of claim, dig pits 18x18x12 ins. N. and N. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked F. P. on S. N. face
This cor. bears N. 65° 75 E. 5.30 chs. dist. from the ¼ sec. cor. bet. secs. 14 and 23
Lat. 1.20 N., Dep. 4.87 E.
Thence I run

North, along N. bdy. of the E. part of claim
Ascend
3.00 Top of ascent, 200 ft. above river.
14.80 Trail, bears N.W. and S.E.
20.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of the E. part of claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high

Chains	
	over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	F. P. on S. E. face
	Thence I run

	East, along N. bdy. of the E. part of claim
	Over low rolling hills
9.70	Trail, bears N. 30° W.
20.00	Deposit a charred stake 12 ins. in the ground for N. E. cor. of claim, and N. W. cor. of the Pre-claim of Charles E. Calvey, owned by David M. Poster dig pits 18 x 18 x 12 ins - E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
	In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	F. P. on S. N. and
	D. M. P. on S. E. faces
	Thence I run

	South, bet. this claim and the claim of David M. Poster
	Over rolling bluffs
9.00	Descend abruptly
12.80	N. E. cor. of corral, at bottom of descent
13.70	S. E. cor of shed, thence over rolling ground in plowing
19.00	Left bank Soup River, 105 lks. wide, course N. 70° E.
22.19	Wire fence along railroad
22.36	Telegraph line " "
22.97	Center of track, Burlington and Missouri River railroad, bears N. 67° 38' E. begin ascent along N. W. face of range
23.30	Wire fence along railroad.
27.00	Top of ascent, thence along N. face of ridge
35.50	Descend along S. W. slope
39.85	Trail, bears N. E. and S. W.

Chains	
40.00	Set temp. cor.

	From the S. W. cor. of the W. part of claim I run
	East, along S. bdy.
	Over ridges, along N. W. slope
3.00	Ravine 50 ft. deep, ascend
9.00	Top of ascent, thence over rolling ground
10.82	Wire fence bears N. 30° W. from about 1 ch. S. of line
20.00	Deposit a charred stake 12 ins. in the ground for S. E. cor. of the W. 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 W. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	F. P. on N. W. face
	Thence I run

	North, along E. bdy. of the W. part of claim
	Descend gently along E. face of ridge
20.00	Deposit a charred stake 12 ins. in the ground for S. W. cor. of the E. 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
	F. P. on N. E. face
	Thence I run

	East, along S. bdy. of the E. part of claim.
	Descend.
3.50	Bottom of descent, ascend.
17.00	Top of ascent, descend.
19.50	Bottom of descent in ravine, N. E. and S. W.
20.00	The temp. cor. where I deposit a charred stake 12 ins. in the ground for S. E. cor. of E. part

Chains

of claim, dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
F. P. on N. W. face
Land, rolling and broken
Soil, sandy 2nd and 3rd rate

S. 47

The Pre. claim of Charles E. Calvey on secs. 13, 14, 23, and 24 owned by David M. Postin
Area 160 Acres

The N. W. cor. is described in the notes of the survey of the H.E. claim of Felix Postin
Thence I run
East, along N. bdy.
Over rolling ground on bluffs
20.00 Leave rolling land, thence along S. face of bluffs, over broken ground
39.30 Top of ascent, on S. face of sand bluff, descend abruptly
40.00 Set temp. cor.

From the S.E. cor. of the Felix Postin H.E. claim I run
South, along W. bdy.
Ascend, along E. slope of ravine
16.00 Top of ascent, thence over rolling ground
20.00 Deposit a charred stake 12 ins. in the ground for S.W. cor. of the claim, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
D.M.P. on N.E. face
Thence I run

Chains

East, along S. bdy.
Over rolling ground
17.60 Enter abandoned plowing N. and S.
20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of claim, S.W. cor. of Oscar F. Hicks T.C. claim, and N.W. cor. of H.E. claim of Samuel R. Hicks. 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
D.M.P. on N.W.
O.F.H. on N.E. and
S.R.H. on S.E. faces
This cor. bears N. 65° E. 5.16 chs. dist. from the ¼ sec. cor. bet. secs. 23 and 24
Lat. 2.18 N., Dep. 4.68 chs. E.
Thence I run

N. bet. this claim and the T.C. claim of Oscar F. Hicks
In abandoned plowed field
0.40 Leave " " "
15.00 Begin descent over ridges and ravines, sloping to N.W.
20.00 Ravine, course N.W.
25.00 Ridge
37.00 Ravine
38.00 Begin descent along N.E. slope
40.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the S. part of claim and N.W. cor. of the T.C. claim of Oscar F. Hicks, 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
D.M.P. on S.W. and
O.F.H. on S.E. faces

Chains	
	East, bet. this claim and the T.C. claim of Oscar F. Hicks
	Over ridges, along N. slope
5.06	Wire fence, bears N. and S.
20.00	Deposit a charred stake 12 ins. in the ground for S.E. cor. of the N. part of claim, and S.W. cor. of the N. part of the Ore. claim of David Rankin owned by the Lincoln Land Co. 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 D.M.P. on N.W. and L.L. Co. on N.E. faces Thence I run

	North, bet. this claim, and that of the Lincoln Land Co.
	Descend along N. slope
3.50	Descend abruptly.
5.00	Bottom of descent, thence over rolling land through underbrush
5.36	Wire fence along railroad,
6.63	Center of track, Burlington and Missouri River railroad, bears S. 83° 45' E.
7.30	Telegraph line " "
7.94	Wire fence " "
14.50	Right bank Soup River, 110 lks. mide course S. 70° E. ascend very abruptly, along S. face of bluff
20.00	The temp. cor. where I deposit a charred stake 12 ins. in the ground, for N.E. cor. of claim. dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked D.M.P. on S.W. face

Chains	
	Land, rolling and broken
	Soil, sandy 2nd and 3rd rate
	October 16, 1896

S. 49

The T.C. claim of Oscar F. Hicks on secs. 13 and 24 Area 160 acres

The W. bdy. and N. half of the N. bdy. of claim is described in the notes of the survey of the Ore. claim of Charles E. Calvey, owned by David M. Poston

From the S.W. cor. of the claim I run

	East, bet. this claim, and the H.E. claim of Samuel R. Hicks
	Over rolling ground, in N. edge of abandoned plowing.
5.06	Wire fence, bears N. and S.
26.00	Leave plowing
27.00	Low ridge
40.00	Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim, and N.E. cor. of the N. part of the Hicks H.E. claim, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked O.F.H. on N.W. and S.R.H. on S.W. faces Thence I run

	North bet. this claim and that of Samuel R. Hicks
	Over rolling ground
18.00	Begin descent along N.E. slope
20.00	Bottom of descent. Deposit a charred stake 12 ins in the ground for N.W. cor. of the E. part of the Samuel R. Hicks claim, and S.W. cor. of the

Claim lines of T. 24 N., R. 31 W.

Chains

East part of the claim owned by the Lincoln Land Co.
dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist.
and raise a mound of earth 3½ ft. base 1½ ft.
high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins.
sq. 12 ins. in the ground, marked
S.R.H. on S.E. and
L.L. Co. on N.E. faces
Thence along E. face of ridge
34.00 Begin descent, along N. slope
39.00 Bottom of descent.
40.00 Set temp. cor.

From the S.E. cor. of the N. part of the David M.
Poston claim I run
East, bet. O.F. Hick's T.C. and the claim of the
Lincoln Land Co.
Descend gently along N.E. slope
6.00 Bottom of descent, thence over rolling ground
through underbrush of plum
20.00 The temp. cor. where I deposit a charred stake
12 ins. in the ground for N.E. cor. of claim and
N.W. cor. of the S. part of the Lincoln Land Co's 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
O.F.H. on S.W. and
L.L. Co. on S.E. faces
Land, rolling and broken
Soil, sandy 2nd and 3rd rate

S. 50

The H.E. claim of Samuel R. Hicks on Sec.
24, area 160 acres

The N. bdy. of the N. part, and W. bdy. of the
E. part of claim are described in the notes of

Claim lines of T. 24 N., R. 31 W.

Chains

the survey of Oscar F. Hick's T.C. claim
From the N.W. cor. of the E. part of claim I run
East, bet. this claim, and that of the Lincoln Land Co.
over rolling ground
3.73 Wire fence, bears N.10°W. ascend
5.00 N. slope of ridge, 40 ft. high
6.00 Ravine, ascend.
10.00 Top of ascent, thence over rolling ground
descending.
17.00 Bottom of descent, ascend over rolling ground
18.15 Intersect E. bdy. of Tp. at a point S.0°04'E.
17.51 chs. dist. from the cor. of Secs. 13, 18, 19 and 24
Deposit a charred stake 12 ins. in the ground for
closing cor. of the line bet. this claim and that
of the Lincoln Land Co. 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
C.C. on W.
S.R.H. on S.
L.L. Co. on N. and E. faces
The Tp. line bearing S.0°04'E, the mean width of
the N. part of claim is 18.16 chs. and the area
of N. part is 20.00 x 18.16 = 36.32 acres,
which taken from 160 acres, leaves 123.68 acres
for the area of the S. part of claim
as the mean length of the S. part of claim is 58.17
chs: the wid. t should be 1236.8 sq. chs. divided
by 58.17 or 21.26 chs.

From the N.W. cor. of the S. part of claim, I run
South, along W. bdy.
Over rolling ground, in abandoned plowing
0.95 Wire fence, bears E. and W.
10.40 Trail, bears N.80°E.
11.30 Slave plowing, E. and W. ascend
14.00 Top of ascent 30 ft. thence over low rolling
hills

Claim lines of T. 24 N., R. 31 W.

Chains

21.26 Deposit a charred stake 12 ins. in the ground for S.W. cor. of the claim, dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
S.R.H. on N.E. face
Thence I run

East, along S. bdy.
Over low rolling hills
55.18 Intersect E. bdy. of Tp. at a point S. 0°04' E. 18.77 chs. dist. from the ¼ sec. cor. bet. secs. 19 and 24
Deposit a charred stake 12 ins. in the ground for closing cor. of the 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
C.C. on W.
S.R.H. on N. and
P.L. (for public land) on E.
Land rolling and broken
Soil, sandy 2nd and 3rd rate

The Pre. claim of Luther D. Rankin, on secs. 13 and 24, owned by the Lincoln Land Co.
Area 120 acres.

The area contained in the S. part of claim (the Tp. line bearing N. 0°04' W.) is 18.14 x 20 = 36.28 acres, and 120 acres minus 36.28 is 83.72 acres, in the N. part of claim
As the mean length of claim is 38.12 chs. the breadth should be 83.73 sq. chs. divided by 38.12 or 21.96 chs. Therefore from the N.E. cor. of the Pre. claim of David M. Paxton, I run North, along W. bdy. of the claim

Claim lines of T. 24 N., R. 31 W.

Chains

Ascend along E. face of bluffs.
1.96 Deposit a charred stake 12 ins. in the ground for N.W. cor. of the claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
L.L. Co. on S.E. face
Thence I run

East, along N. bdy.
Descend along E. slope of bluffs.
6.60 Wire fence bears N. and S.
14.00 Descend abruptly.
20.00 Bottom of descent in canon, 100 ft. deep, ascend.
32.00 Top of ascent, thence over rolling ground.
34.00 Begin descent, along S. face of bluffs.
38.10 Intersect E. bdy of Tp. at a point S. 0°04' E. 15.27 chs. dist. from the ¼ sec. cor. bet. secs. 13 and 18
Where I deposit a charred stake 12 ins. in the ground for closing cor. of the N. bdy. dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ high over deposit.
In W. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C.C. on W.
L.L. Co. on S. and
P.L. on E. faces
Land, rolling and broken
Soil, sandy 2nd and 3rd rate
October 17th 1896

Final Oaths of Deputy Surveyor and his Assistants.

LIST OF NAMES.

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

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

.....

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all those parts or portions of the .....

.....

.....

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

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

Subscribed and sworn to before me this .....
day of ....., 189

SEAL.

.....

.....

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Final Oath of United States Deputy Surveyor.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the _____ day of _____, 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ _____ _____ _____ _____ of the _____ base and _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____
United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me this _____ day of _____, 189

_____

SEAL

APPROVAL.

~~Office of the United States Surveyor General,~~

General Land Office, October 22, 1897

The foregoing field notes of the survey of The Subdivision and Claim Lines of Township No. 24 North, Range No. 31 West of the 6th Principal Meridian, State of Nebraska, as executed by Willard W. Alb United States Surveyor under his contract No. _____, dated January 26, 1895, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Binger Hermann,
~~Commissioner and Ex-officio~~ United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in the State of Nebraska, has been correctly copied from the original notes on file in this office.

Binger Hermann
Commissioner ~~United States Surveyor General~~
General Land Office.

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General Land Office • Original Field Notes

Book Number

776

W.W. Alt Subdivision of T 24 N - R 31 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.