General Land Office • Original Field Notes

Book Number

776

W.W. Alt Subdivision of T 24 N - R 32 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.

384

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.

385

FIELD NOTES

OF THE SURVEY OF

Subdivision and Claim Lines,

of

Township No. 24 N., Range 32 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 September 16, 1896

Survey completed October 2, 1896

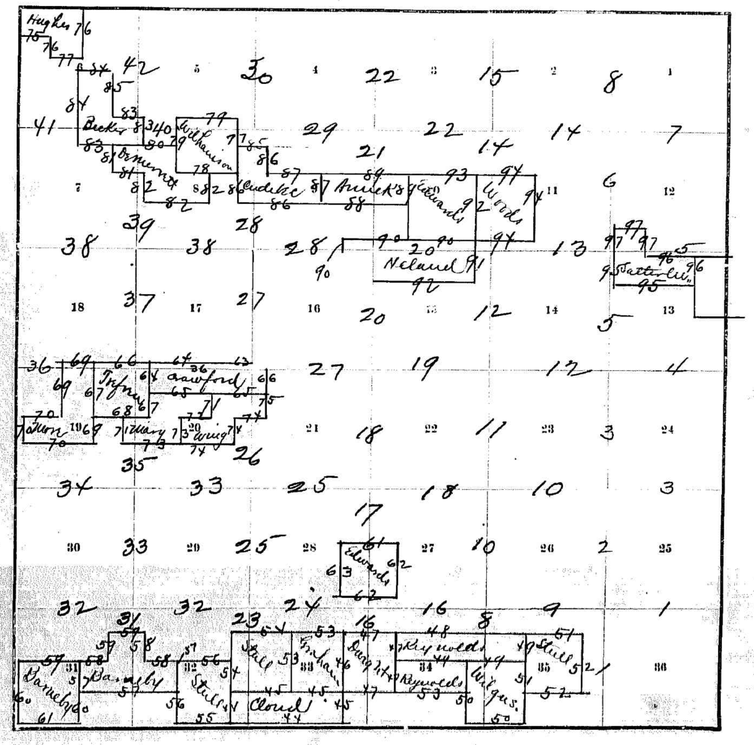
6—151

Names and Duties of Assistants.

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

INDEX DIAGRAM.

Township 24 N. Range 32 W.



Meanders Page

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 distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us in the survey of

.....

..... , *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

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

.....

..... , *Axman.*

..... , *Axman.*

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

SEAL

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

..... , *Flagman.*

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

SEAL

Subdivision of T. 24 N., R. 37 W.

Chains	
	The initial meridional sec. lines of this Tp. are referred to the tangent on the S. bdy. of the township
	N. 0°01' W. bet. secs. 35 and 36
	Over rolling ground
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
50.00	Trail, bears E. and W.
51.00	Foot of range, bears E. and W. ascend
70.00	Top of ascent 75 ft. on W. face of hills
	Thence over broken ground
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. 37 W. S. 36 on S. E. S. 35 on S. W. and S. 26 on N. W. faces with 1 notch on S. and E. edges.
	Land, broken and rolling
	Soil, sandy 2nd rate
	S. 89°40' E. on a random line bet. secs. 25 & 36
40.00	Set trav. 1/4 sec. cor.
80.04	Intersect E. bdy. of Tp. at cor. of secs. 25, 30, 31 and 36
	Thence S. on

Subdivision of T. 24 N., R. 37 W.

Chains	
	N. 89° 40' W. on true line bet. secs. 25 and 36
	Ascend along N.E. slope
10.00	Top of ascent, thence along N. face of range over broken ground, ascending
40.00	Top of ascent 100 ft. on point of bluff, thence over broken ground, descending
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
80.04	The cor. of secs. 25, 26, 35 and 36
	Land, broken
	Soil, sandy 3rd rate

	N. 0° 01' W. bet. secs. 25 and 26
	Descend gully, over rolling ground
10.90	Old trail, bears E. and W. at bottom of descent
	Ascend along S.E. slope
34.00	Top of ascent, on N. face low range of 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 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
50.00	Top of range 75 ft. above valley, thence over rolling ground, along N. face of range
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.

Subdivision of T. 24 N., R. 37 W.

Chains	
	R. 37 W., S. 25 on S.E. S. 26 on S.W. and S. 23 on N.W. faces with 2 notches on S. and 1 notch on E. edges
	Land, rolling and broken
	Soil, sandy 3rd rate

	S. 89° 40' E. on a random line bet. secs. 24 and 25
40.00	Set temp. 1/4 sec. cor.
79.96	Intersect E. bdy. Tp. 20 lks. N. of cor. of secs. 19, 24, 25, and 30
	Thence I run
	N. 89° 31' W. on true line bet. secs. 24 and 25
	Ascend over broken ground
15.00	Top of ascent, 75 ft. above valley, thence along S. face over broken ground
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 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
64.00	Begin descent, along N. slope
79.96	The cor. of secs. 23, 24, 25 and 26
	Land, broken
	Soil, sandy 3rd rate

	N. 0° 01' W. bet. secs. 23 and 24
	Over low ridges, and ravines, along N. slope of hills.
20.00	Begin 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

Chains

47.00 Bottom of descent

80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for cor. of secs. 13, 14, 23, and 24, marked
T. 24 N., S. 13 on N.E.
R. 37 W., S. 24 on S.E.
S. 23 on S.W. and
S. 14 on N.W. faces with 3 notches on S. and 1 notch on E. edges, dig pits 18x18x12 ins. in each sec. 5 ft. dist. and raise a mound of earth 4 ft. ~~base~~, 2 ft. high N. of cor.
Land, rolling
Soil, sandy 3rd rate

S. 89° 31' E. on a random line bet. secs. 13 and 24

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect E. bdy. of Tp. 14 lks. S. of cor. of secs 13, 18, 19 and 24
Thence I run
N. 89° 37' W. on true line bet. secs. 13 and 24
Ascend gradually, over low hills

17.10 Trail, bears N. 30° W.

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 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 N. face

55.00 Top of ascent on ridge, bears N. and S.
descend gradually, over low hills

80.00 The cor. of secs. 13, 14, 23, and 24
Land, rolling
Soil, sandy 3rd rate

Chains

N. 0° 01' W. bet. secs. 13 and 14
Ascend slightly over low hills

2.50 Top of ascent 10 ft. above cor. descend along N. slope

9.60 Trail, bears N. 80° E.

12.14 Wire fence, bears N. 86° 18' W.

13.63 Center of track, Burlington and Missouri River railroad, bears N. 86° 18' W.

14.36 Telegraph "

15.18 Wire fence " ascend

37.00 Top of ascent 60 ft. on range bearing E. and W.

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 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

67.00 Descend abruptly, along N. slope

73.50 Bottom of descent, 50 ft. below. Enter plowed field

74.90 Trail bears S.E.

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 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. 12 on N.E.
R. 37 W., S. 13 on S.E.
S. 14 on S.W. and
S. 11 on N.W. faces with 4 notches on S. and 1 notch on E. edges
Land, broken
Soil, sandy 3rd rate

S. 89° 37' E. on a random line bet. secs 12 and 13

40.00 Set temp. 1/4 sec. cor.

3, 4, 5, 10, 12, 13 18, 17, 20

Subdivision of T. 24 N., R. 37 W.

Chains

80.72 Intersect E. bdy. of Tp. 3 lks. S. of the cor. of secs. 7, 12, 13 and 18
Thence I run
N. 89° 50' W. on true line bet. secs. 12 and 13
Along S. slope
5.00 Begin abrupt ascent along S.E. slope
13.00 Top of ascent 75 ft. thence along S. face of hills, over ridges and ravines
40.11 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 N. face
44.00 Descend abruptly along S.W. slope
61.00 Bottom of descent, thence over river bottom
75.12 Left bank Soup River, 80 lks. wide course S. 50° E. thence over rolling valley in abandoned plowing.
80.72 The cor. of secs. 11, 12, 13 and 14
Sand, rolling and broken
Soil 1st and 3rd rate

N. 0° 01' W. bet. secs. 11 and 12.
Over rolling bottom, in abandoned plowing
0.30 Leave plowing
4.72 Right bank Soup River, 1 ch. wide, course E.
17.00 Begin abrupt ascent along S. slope of bluffs
32.00 Top of ascent 100 ft. above river, thence over low hills.
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 N. face
80.00 Deposit a charred stake 12 ins. in the ground

Subdivision of T. 24 N., R. 37 W.

Chains

for cor. of secs. 1, 2, 11, and 12, 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. 1 on N.E.
R. 37 W. S. 12 on S.E.
S. 11 on S.W. and
S. 2 on N.W. faces with 5 notches on S. and 1 notch on E. edges.
Sand, broken
Soil, sandy, 2nd and 3rd rate

S. 89° 50' E. on a random line bet. secs. 1 and 12
40.00 Set stone 1/4 sec. cor.
80.00 Intersect E. bdy. of Tp. 18 lks. S. of the cor. of secs. 1, 6, 7, and 12
Thence I run
N. 89° 58' W. on true bet. secs. 1 and 12
Over rolling ground
5.00 Ascend along N.E. slope
17.00 Top of ascent 40 ft. on ridge bearing N.W. + S.E.
20.00 Descend gradually, along S.W. 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. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3 1/2 ft. base 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 N. face
46.00 Bottom of descent, thence over low hills
80.00 The cor. of secs. 1, 2, 11, and 12
Sand, broken
Soil, sandy 3rd rate
September 16, 1896

Chains

N. 0°01' W. bet. secs. 1 and 2
Ascend gently, over rolling ground
73.00 Begin descent, along S. slope of range
40.00 Deposit a charred stake 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
46.00 Top of ascent 75 ft. on range E. and W. thence along N. face of low hills
73.00 Begin gradual descent
87.00 Bottom of descent on nearly level ground
85.76 Intersect 6th Standard Parallel N. 89°57' W. 5.08 chs. dist. from the 1/4 sec. cor. on S. bdy. sec. 31 T. 25 N., R. 31 W.
Deposit a charred stake 12 ins. in the ground for closing cor. secs. 1 and 2, dig pits 24 x 18 x 12 ins. crosswise 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. 37 W. on S.
S. 1 on E. and
S. 2 on N. faces with 1 groove on E. and 5 grooves on N. faces
Sand, rolling
Soil, sandy 3rd rate
September 22, 1896

N. 0°02' bet. secs. 34 and 35
Over rolling foot hills, along N. W. slope
15.00 Enter rolling valley, E. and W.
73.40 Enter plowed field, E. and W.
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
40.80 Leave plowed field
56.00 Leave valley, ascend gradually
74.00 Top of range 150 ft. high, bears E. and W.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 26, 27, 34 and 35, dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raise 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. 37 W., S. 35 on S.E.
S. 34 on S.W. and
S. 27 on N.W. faces with 1 notch on S. and 2 notches on E. edges
Sand, rolling and broken
Soil, sandy 3rd rate

S. 89°40' E. on a random line bet. secs. 26 and 35
40.00 Set temp. 1/4 sec. cor.
79.96 Intersect N. and S. line at cor. of secs. 25, 26, 35 and 36
Thence I run
N. 89°40' W. on true line bet. secs. 26 and 35 along top of range, over ridges and ravines
13.00 Begin descent along N. slope
28.00 Bottom of descent in pass, ascend along E. slope
39.98 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
40.00 Top of ascent, thence along top of range

Subdivision of T. 24 N., R. 32 W.

Chains	
	over broken ground
76.00	Begin gradual descent, along N. slope
79.96	The cor. of secs. 26, 27, 34 and 35
	Land, broken
	Soil, sandy 3rd rate

	N. 0°02' W. bet. secs. 26 and 27
	Over broken ground on top of range
14.00	Begin gradual descent, along N. slope
35.00	Bottom of descent in pass, N.W. + S.E. thence
	ascend gradually, along S. slope 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
54.00	Top of ascent on ridge bearing S. 70° E.
	descend gently over low foot hills
80.00	Deposit a charred stake 12 ins in the ground
	for cor. of secs. 22, 23, 26 and 27, dig pits 18x
	18x12 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. 32 W., S. 26 on S.E.
	S. 27 on S.W. and
	S. 22 on N.W. faces with 2 notches
	on S. and E. edges
	Land, broken
	Soil, sandy 3rd rate

	S. 89°40' E. on a random line bet. secs 23 and 26
40.00	Set temp. 1/4 sec. cor.
80.16	Intersect N. and S. line 12 lks. S. of the cor. of
	secs. 23, 24, 25 and 26

Subdivision of T. 24 N., R. 33 W.

Chains	
	Thence I run
	N. 89°45' W. on true line bet. secs 23 and 26
	Descend gradually, along W. slope over
	foot hills.
28.00	Bottom of descent, thence over low rolling
	foot hills, ascending gently
40.08	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
80.16	The cor. of secs. 22, 23, 26 and 27
	Land, rolling
	Soil, sandy 3rd rate

	N. 0°02' W. bet. secs. 22 and 23
	Over low rolling hills, sloping to N.
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
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. 32 W., S. 23 on S.E.
	S. 22 on S.W.
	S. 15 on N.W. faces with 3 notches
	on S. and 2 on E. edges
	Land, rolling
	Soil, sandy 3rd rate

Subdivision of T. 24 N., R. 37 W.

Chains	
	S. 89°45' E. on a random line bet. secs. 14 + 23
40.00	Set temp. 1/4 sec. cor.
80.18	Intersect N. and S. line 8 lks. S. of cor. of secs. 13, 14, 23, and 24
	Thence I run
	N. 89°48' W. on true line bet. secs. 14 and 23
	Over low hills
14.00	Descend over rolling hills
37.00	Bottom of descent in pass N.E. and S.W. thence over low hills ascending gently
40.09	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
80.18	The cor. of secs. 14, 15, 22, and 23
	Land, rolling
	Soil, sandy 3rd rate

Chains	
	N. 0°07' W. bet. secs. 14 and 15
	Descend over low foot hills
4.75	Trail, along railroad
7.73	Center of track Burlington and Missouri River railroad, bears N. 89°37' E.
8.38	Telegraph line "
10.00	Bottom of descent, ascend along S. slope
11.70	Trail, along railroad
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
47.00	Top of ascent, 100 ft. descend
50.00	Bottom of descent, thence over low foot hills
69.20	Trail, bears N. 70° E.

Subdivision of T. 24 N., R. 37 W.

Chains	
73.00	Begin gradual descent into canon
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. 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. 37 W., S. 14 on S.E. S. 15 on S.W. and S. 10 on N.W. faces with 4 notches on S. and 2 on E. edges
	Land, broken
	Soil, sandy 3rd rate

Chains	
	S. 89°48' E. on a random line bet. secs. 11 + 14
40.00	Set temp. 1/4 sec. cor.
80.20	Intersect N. and S. line 34 lks. N. of the cor. of secs. 11, 12, 13 and 14
	Thence I run
	N. 89°34' W. on true line bet. secs. 11 and 14
	Over rolling ground in plowed field
4.95	Trail, bears N. 45° W.
16.00	Leave plowed field, ascend gradually, along N.E. slope
26.00	Trail bears N. and S.
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
41.00	Top of ascent, thence over ridges and ravines along N. face of bluffs
62.00	Descend
67.00	Bottom of descent in ravine, N. and S., ascend
73.00	Top of ascent, descend along N. slope
80.20	The cor. of secs. 10, 11, 14 and 15
	Land, broken; Soil, sandy 3rd rate

Subdivision of T. 24 N., R. 3 W.

Chains

N. 0°02' W. bet. secs. 10 and 11
Ascend, along W. face of canon
9.00 Top of ascent, descend gradually,
18.00 Enter flowing E. and W.
21.30 Leave " Enter level land
34.35 Right bank Loup River, 50 lks. mide course E
ascend along E. face of canon
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 bluff, thence over low rolling hills
ascending gently,
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 mound
of earth 3½ ft. base 1½ 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. 3 W., S. 11 on S.E.
S. 10 on S.W. and
S. 3 on N.W. faces with 5 notches on
S. and 2 on E. edges.
Land, broken
Soil, sandy 2nd and 3rd rate

S. 89°34' E. on a random line bet. secs. 2 and 11
40.00 Set temp. 1/4 sec. cor.
80.00 Intersect N. and S. line 6 lks. N. of cor. of secs.
2, 3, 11, and 10
Thence I run
N. 89°31' W. on true line bet. secs. 2 and 11
Over low rolling hills
40.00 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. 3 W.

Chains

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
80.00 The cor. of secs. 2, 3, 10, and 11
Land, broken
Soil, sandy 2nd and 3rd rate
Sept. 17, 1896

N. 0°02' W. bet. secs. 2 and 3
Ascend slightly
11.00 Top of ascent 30 ft. descend along N.E. slope
23.00 Bottom of descent, 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. 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
50.00 Top of ascent on range 70 ft. high E. and W.
61.00 Descend gradually along N. slope
83.00 Bottom of descent in basin like bottom
85.82 Intersect 6th Standard Parallel at a point
N. 89°31' W. 4.88 chs. dist. from the 1/4 sec. cor.
on S. bdy. sec. 36 T. 25 N., R. 3 W.
Deposit a charred stake 12 ins. in the ground
for closing cor. of secs. 2 and 3, dig pits 24x
18x12 ins. crossing 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. 3 W. on S
S. 2 on E. and
S. 3 on W. faces with
2 grooves on E. and 4 on W. faces
Land, rolling
Soil, sandy 3rd rate Sept. 22 1896

Chains

N. 0° 03' W. bet. secs 33 and 34
Descend gradually along N. slope
22.40 Trail, bears E. and W.
23.00 Bottom of descent E. and W. thence over rolling ground
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 Leave valley, ascend along S. slope of range
74.00 Top of ascent 100 ft. high E. and W.
80.00 Set an ash 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. 3 & 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 E. edges, dig pits 18x18x12 12 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, 2nd rate

S. 89° 40' E. on a random line bet. secs. 27 and 34
40.00 Set temp. 1/4 sec. cor.
80.16 Intersect N. and S. line at cor. of secs. 26 27, 34 and 35
Thence S. run
N. 89° 40' W. on true line bet. secs. 27 and 34
Over broken sand ridges, on top of range, descending
23.00 Bottom of descent, in pass, N. & S. ascend abruptly
40.08 Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pit 18x18x12 ins. E. and W.

Chains

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
45.00 Top of ascent
54.00 Begin descent along N. slope
64.20 Trail at bottom of descent in pass, bears N. & S.
Ascend gradually, along E. slope
80.16 The cor. of secs. 27, 28, 33 and 34
Land, broken
Soil, sandy 3rd rate

N. 0° 03' W. bet. secs. 27 and 28
Across top of range
5.00 Begin gradual descent, along N. slope
21.00 Bottom of descent, in circular valley
22.70 Trail, bears N. 60° W.
29.25 Enter abandoned plowed field E. and W.
38.80 Leave " " "
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
Hannah Edward's frame house bears S. 73° 28' W. 10 chs. dist.
47.43 Wire fence, bears E. and W. ascend
58.00 Top of ascent on S. face ascend over broken ground
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 E. edges
Sand, rolling and broken
Soil, sandy 2nd and 3rd rate

S. 89° 40' E. on a random line bet. secs. 22 and 27
40.00 Set temp. 1/4 sec. cor.
79.86 Intersect N. & S. line 4 lks. S. of cor. of secs. 22, 23, 26 and 27
Thence I run
N. 89° 42' W. on true line bet. secs. 22 and 27
Over rolling foot hills
39.93 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. faces
41.00 Descend over low hills
55.20 Bottom of descent in pass, Trail bears N. 10° W.
Ascend
73.00 Top of ascent, thence over broken sand ridges
79.86 The cor. of secs. 21, 22, 27 and 28
Sand, broken
Soil, sandy 3rd rate

N. 0° 03' W. bet. secs. 21 and 22
Over low rolling hills
11.00 Begin gradual descent, along N.E. slope
21.00 Bottom of descent, thence over low hills
34.35 Trail, bears N. 60° W.
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 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
72.80 Trail along railroad
76.57 Center of track, Burlington and Missouri river railroad, bears N. 79° 06' E. and reverse
77.25 Telegraph line
80.00 Set hackberry post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked
T. 24 N., S. 15 on N.E.
R. 32 W., S. 22 on S.E.
S. 21 on S.W. and
S. 16 on N.W. faces with 3 notches on
S. and E. 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, rolling
Soil, sandy 3rd rate

S. 89° 42' E. on a random line bet. secs. 15 & 22
40.00 Set temp. 1/4 sec. cor.
79.86 Intersect N. and S. line 5 lks. N. of the cor. of secs. 14, 15, 22 and 23
Thence I run
N. 89° 40' W. on true line bet. secs. 15 and 22
Ascend along N.E. slope
3.00 Top of ascent on ridge, bears N.W. & S.E.
thence descend over rolling hills
39.93 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
56.20 Trail along railroad, Shurca to Mullen

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

Subdivision of T. 24 N., R. 37 W.

Chains	
67.86	Center of track Burlington and Missouri River railroad, bears N. 79°06' E.
66.00	Telegraph line " thence over rolling ground
79.86	The cor. of secs. 15, 16, 21, and 22
	Land rolling
	Soil, sandy 3rd rate

N. 0°03' W. bet. secs. 15 and 16
Ascend over low broken hills, sloping to S.E.

27.00	Top of ascent 150 ft. thence over low rolling 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
73.70	Trail, bears E. and W.
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 9, 10, 15, and 16, 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. 10 on N.E. R. 37 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 E. edges
	Land, broken
	Soil, sandy 3rd rate

S. 89°40' E. on a random line bet. secs. 10 and 15

40.00	Set temp. 1/4 sec. cor.

Subdivision of T. 24 N., R. 37 W.

Chains	
79.88	Intersect N. & S. line at cor. of secs. 10, 11, 14 and 15
	Thence I run N. 89°40' W. on true line bet. secs 10 and 11
	Ascend
5.00	Top of ascent, thence along bluffs, over low ridges and ravines, ascending
39.94	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
41.00	Top of ascent, thence over rolling ground
79.88	The cors. of secs. 9, 10, 15 and 16
	Land, rolling
	Soil, sandy 3rd rate

N. 0°03' W. bet. secs. 9 and 10

2.00	Begin descent, along W. face of canon
6.00	Bottom of descent, thence along W. face ascending
23.00	Descend abruptly, along river bluff
28.20	Right bank Loup River, course N.E.
28.80	Left " " " thence over level wet land
37.60	Left bank Loup River, course N. 10° W.
33.60	" " " " " N. 40° E.
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
43.00	Begin abrupt ascent
49.00	Top of ascent 150 ft. above river, thence over low rolling hills
80.00	Set a hackberry post 3 ft. long 4 ins. sq.

Chains

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. 3 W. N. 10 on S.E.
S. 9 on S.W. and
S. 4 on N.W. faces, with 5 notches on S. and 3 on E. 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, broken
Soil, sandy 1st and 3rd rate

S. 89° 40' E. on a random line bet. secs. 3 and 10
40.00 Set temp. ¼ sec. cor.
79.80 Intersect N. and S. line 20 chs. N. of cor. of secs. 2, 3, 10 and 11
Thence I run
N. 89° 31' W. on true line bet. secs. 3 and 10
Ascend gently,
7.00 Top of ascent 40 ft. thence over rolling hills
39.90 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
69.00 Pass or depression, bears N.E. & S.W. thence over rolling ground
79.80 The cor. of secs. 3, 4, 9 and 10
Sand, rolling
Soil, sandy 3rd rate
Sept. 18, 1896

N. 0° 03' W. bet. secs. 3 and 4
Ascend gently, over rolling land
20.00 Top of ascent, 40 ft. descend
40.00 Deposit a charred stake 12 ins. in the ground

Chains

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
43.00 Bottom of descent, thence along N. face of low hills
77.00 Top of ascent, descend gently,
85.98 Intersect 16th Standard Parallel N. 89° 31' W. 4.92 chs. dist. from the ¼ sec. cor. on S. bdy. sec. 35 T. 25 N., R. 3 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. 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. 3 W. N. on S.
S. 3 on E. and
S. 5 on W. faces
with 3 grooves on E. and W. faces
Sand, rolling
Soil, sandy 3rd rate.
Sept. 22, 1896

N. 0° 04' W. bet. secs. 32 and 33
Descent along W. slope
16.70 Enter flowing E. and W.
20.00 Bottom of descent, thence over rolling valley
21.40 Leave flowing
21.65 Trail, bears E. and W.
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

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

Subdivision of T. 24 N., R. 37 W.

Chains	
47.00	Leave valley ascend along S. slope
67.50	Top of ascent 100 ft. on range bearing E and W. Thence over broken ground.
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 28, 29, 32 and 33, 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. 28 on N.E. R. 37 W., S. 33 on S.E. S. 32 on S.W. and S. 29 on N.W. faces with 1 notch on S. and 4 notches on E. edges
	Land rolling and broken
	Soil, sandy 2nd and 3rd rate

	S. 89° 40' E. on a random line bet. secs. 28 and 33
40.00	Set temp. 1/4 sec. cor.
80.20	Intersect N. and S. line 10 lks. S. of cor. of secs. 27, 28, 33 and 34
	Thence I run
	N. 89° 44' W. on true line bet. secs 28 and 33
	Over very broken ground, along top of range of sand hills
11.20	Trail, to Mullen, bears N. and S.
36.00	Sand bluff or ridge
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
50.00	Top of sand bluff. descend gradually
80.20	The cor. of secs. 28, 29, 32 and 33
	Land, broken
	Soil, sandy 3rd rate

Subdivision of T. 24 N., R. 37 W.

Chains	
	N. 0° 04' W. bet. secs. 28 and 29
	Descend along W. slope of range
26.00	Bottom of descent, on S. edge of abandoned plowing
36.70	Trail to Mullen, bears N. 60° W. ascend over low hills along S.E. slope
40.00	Deposit a charred stake 12 ins. in 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
67.00	Top of ascent on range, bearing E and W.
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 20, 21, 28 and 29, 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. 21 on N.E. R. 37 W., S. 28 on S.E. S. 29 on S.W. and S. 29 on N.W. faces with 2 notches on S. and 4 on E. edges
	Land, broken
	Soil, sandy 3rd rate

	S. 89° 44' E. on a random line bet. secs. 21 and 28
40.00	Set temp. 1/4 sec. cor.
80.20	Intersect N. and S. line at cor. of secs. 21, 22, 27 and 28
	Thence I run
	N. 89° 44' W. on true line bet. secs. 21 and 28 along top of range
2.00	Descend over low hills
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.

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

Subdivision of T. 24 N., R. 37 W.

Chains	
	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
63.60	Trail, bears N.N. and S.E. thence ascend over broken ground.
80.70	The cor. of secs. 20, 21, 28 and 29
	Sand, broken
	Soil, sandy, 3rd rate

	N. 0°04' W. bet. secs. 20 and 21
	Descend over rolling ground sloping N.E.
11.00	Trail, at bottom of descent, bears N. 50° W.
25.00	Top of ascent, 40 ft. thence over rolling ground, on top of low 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
41.00	Begin descent along N. slope
70.57	Center of track, Burlington and Missouri River railroad on a curve, N. 81° 40' E.
71.26	Telegraph line
72.56	Trail, along railroad, ascend along S. slope of hills.
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. 16, 17, 20 and 21, marked T. 24 N., S 16 on N.E. R. 37 W., S. 21 on S.E. S. 20 on S.W. and S. 17 on N.W. faces with 3 notches on S. and 4 on E. edges, dig pits 18 x 18 x 12 ins. in each sec. 1½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high N. of cor.

Subdivision of T. 24 N., R. 37 W.

Chains	
	Sand, broken
[illegible]	Soil, sandy, 3rd rate
[illegible]	

	S. 89° 44' E. on a random line bet. secs. 16 and 21
40.00	Set temp. 1/4 sec. cor.
80.24	Intersect N. and S. line 2 chs. N. of cor. of secs. 15, 16, 21 and 22
	Thence I run
	N. 89° 43' W. on true line bet. secs. 16 and 21
	Ascend along S.E. slope
10.00	Top of ascent 75 ft. on point of range
11.50	Descend along S.W. slope
20.00	Bottom of descent, thence over broken foot hills
40.12	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
	Thence along S. slope over rolling foot hills.
80.24	The cor. of secs. 16, 17, 20 and 21
	Sand, broken
	Soil, sandy 3rd rate

	N. 0°04' W. bet. secs. 16 and 17
	Ascend along S. slope of low hills.
7.00	Top of ascent 75 ft. above railroad, thence over broken ground and low hills
24.60	Trail, bears N. 60° E.
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

Chains	
	Descend over low rolling hills
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 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. 9 on N.E.
	R. 37 W., S. 16 on S.E.
	S. 17 on S.W. and
	S. 8 on N.W. faces with 4 notches on S. and E. edges
	Land, broken
	Soil, sandy 3rd rate

	S. 89° 43' E. on a random line bet. secs. 9 and 16
40.00	Set temp. 1/4 sec. cor.
80.20	Intersect N. and S. line at cor. of secs. 9, 10, 15 and 16
	Thence S. run
	N. 89° 43' W. on true line bet. secs. 9 and 16
	Over low rolling 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. 8, 9, 16 and 17
	Land, broken
	Soil, sandy 3rd rate

	N. 0° 04' W. bet. secs. 8 and 9
	Over rolling ground
6.00	Begin descent, along W. face of canon
16.50	Bottom of canon, course N. 30° E. thence over

Chains	
	broken ground, along E. face
30.00	Descend gently over rolling ground
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 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
40.40	Enter wet valley land
43.00	Right bank Soup River, course S. 70° E.
44.70	Left " " " " S. 40° E.
	thence over level land
54.00	Ascend abruptly, along S.E. face of bluff
58.00	Top of ascent 100 ft. thence over rolling ground
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 4, 5, 8 and 9, 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. 4 on N.E.
	R. 37 W., S. 9 on S.E.
	S. 8 on S.W.
	S. 5 on N.W. faces with 5 notches on S. and 4 on E. edges
	Land, broken
	Soil, sandy 3rd rate

	S. 89° 43' E. on a random line bet. secs. 4 and 9
40.00	Set temp. 1/4 sec. cor.
80.22	Intersect N. and S. line 20 lks. S. of cor. of secs. 3, 4, 9 and 10
	Thence S. run
	N. 89° 51' W. on true line bet. secs. 4 and 9
	Ascend gently over rolling ground
9.00	Top of ascent 40 ft. above cor.

Subdivision of T. 24 N, R. 37 W.

Chains	
	Descend over rolling ground sloping N.W.
40.11	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
50.00	Bottom of descent, thence over low rolling hills
80.22	The cor. of secs. 4, 5, 8 and 9
	Sand, broken
	Soil, sandy 3rd rate
	September 19, 1896

Chains	
	N. 0° 04' W. bet. secs. 4 and 5
	Over rolling ground
34.00	Trail, bears N.E. and S.W.
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
	Ascend gradually
57.00	Top of ascent, thence over rolling hills
86.46	Intersect 6th Standard Parallel N. 89° 21' W. 5.27 chs. dist. from the 1/4 sec cor. on S. bdy. of sec. 34 T. 25 N, R. 37 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. 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. 37 W. on S. S. 4 on E. and S. 5 on W. faces with

Subdivision of T. 24 N, R. 37 W.

Chains	
	4 grooves on E. and 5 on W. faces
	Sand, broken
	Soil, sandy 3rd rate
	Sept. 22, 1896

Chains	
	N. 0° 05' W. bet. secs. 31 and 32
	Ascend over broken ground
3.00	Top of range, 100 ft. high
15.00	Begin descent, along N. slope
26.10	Enter abandoned plowing
34.20	Trail, bears E. and W. at bottom of descent
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
	Wm Barnsby's sod house bears S. 63° 14' E.
56.50	Leave abandoned plowing, ascend along S.E. slope
68.00	Top of ascent 150 ft. thence over broken ground
80.00	Deposit a charred stake 12 ins. in the ground for cor. of secs. 29, 30, 31 and 32, 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. 29 on N.E. R. 37 W, S. 32 on S.E. S. 31 on S.W. and S. 30 on N.W. faces with 1 notches on S. and 5 notches on E. edges
	Sand, rolling
	Soil, sandy 2nd rate

Subdivision of T. 24 N., R. 37 W.

Chains	
	S. 89° 40' E. on a random line bet. secs. 29 and 32
40.00	Set temp. 1/4 sec. cor.
80.18	Intersect N. and S. line 18 lks. N. of the cor. of secs. 28, 29, 32 and 33
	Thence I run
	N. 89° 37' W. on true line bet. secs. 29 and 32
	Along top of range, over broken ground
16.00	Descend along W. slope
35.00	Trail, course N. and S.
40.09	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 W. face
68.40	Trail bears N. 5° W. at bottom of descent
	Ascend abruptly
78.80	Top of ascent 150 ft.
80.18	The cor. of secs. 29, 30, 31 and 32
	Sand, rolling
	Soil, sandy 3rd rate

	N. 89° 40' W. on a random line bet. secs. 30 and 31
40.00	Set temp. 1/4 sec.
75.38	Intersect 4th Guide Meridian 8 lks. S. of the cor. of secs. 30 and 31
	Thence I run
	S. 89° 37' E. on true line bet. secs. 30 and 31
	Ascend gradually
35.38	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. 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
67.00	Top of ascent 150 ft. thence over broken ground.

Subdivision of T. 24 N., R. 37 W.

Chains	
75.38	The cor. of secs. 29, 30, 31 and 32
	Sand, broken
	Soil, sandy 3rd rate

	N. 0° 05' W. bet. secs. 29 and 30
	Along N.E. slope of range
27.50	Begin descent, along N.E. slope
40.00	Deposit a charred stake 12 ins. in the ground for 1/4 sec. cor. dig pits 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 W. face
59.00	Bottom of descent, thence over rolling ground
68.00	Ascend along S.E. slope
77.00	Top of ascent 40 ft. thence over rolling 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., S. 20 on N.E. R. 37 W., S. 29 on S.E. S. 30 on S.W. and S. 19 on N.W. faces with 2 notches on S. and 5 on E. edges.
	Sand, rolling
	Soil, sandy 3rd rate

	S. 89° 37' E. on a random line bet. secs 20 and 29
40.00	Set temp. 1/4 sec. cor.
80.07	Intersect N. and S. line 12 lks N. of cor. of secs 19, 20, 29 and 30
	Thence I run

Subdivision of T. 24 N., R. 37 W.

Chains	
	N. 89° 27' W. on true line bet. secs. 20 and 29
	Ascend along E. slope
12.00	Top of ascent, 40 ft. above cor. descend
25.50	Trail, bears N. 10° E. thence ascend
	gently along S. slope of low hills
40.01	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 N. face
43.00	Enter abandoned plowing N. 50° W.
57.00	Leave " "
61.00	Top of ascent 40 ft., descend
70.00	Ravine N. and S. ascend over rolling ground.
70.60	Trail, bears N. and S.
80.02	The cor. of secs. 19, 20, 29 and 30
	Land, broken
	Soil, sandy 3rd rate

	N. 89° 39' W. on a random line bet. secs 19 and 30
40.00	Set temp. 1/4 sec. cor.
75.54	Intersect 4th Guide Meridian 20 lks. N. of
	the cor. of secs. 19 and 30
	Thence I run
	S 89° 46' E on true line bet. secs 19 and 30
	Ascend along N. slope, over rolling land
31.50	Top of ascent, on bluff 150 ft. descend
	abruptly.
34.50	Bottom of abrupt descent
35.54	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 N. face
	Descend over rolling foot hills

Subdivision of T. 24 N., R. 37 W.

Chains	
57.00	Bottom of descent, in depression, thence
	over broken foot hills
75.54	The cor. of secs. 19, 20, 29, and 30
	Land, broken
	Soil, sandy 3rd rate

	N. 0° 05' W. bet. secs. 19 and 20
	Over rolling ground on top of hills
18.00	Begin descent along N.E. 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 N. face
46.75	Trail, bears N. 60° E. at bottom of descent
	Enter plowed land
50.00	A house bears E. about 2.50 chs. dist.
55.55	Wire fence along railroad
56.30	Center of track Burlington and Missouri River
	railroad, bears N. 78° 17' W. and house
57.00	Telegraph line "
57.75	Trail " Enter plowing
	ascend gently over rolling ground
71.30	Leave plowing
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. 37 W., S. 20 on S.E.
	S. 19 on S.W. and
	S. 18 on N.W. faces with 3 notches
	on S. and 5 on E. edge, dig pits 18 x 18 x 12
	ins. in each sec. 5 1/2 ft. dist. and raise
	a mound of earth 4 ft. base 2 ft. high W.
	of cor.
	Land, broken
	Soil, sandy 3rd rate

Subdivision of T. 24 N., R. 32 W.

Chains	
	S. 89°27' E. on a random line bet. secs 17 and 20
40.00	Set temp. 1/4 sec. cor.
79.90	Intersect N. and S. line at cor. of secs. 16, 17, 20 and 21
	Thence I run
	N. 89°27' W. on true line bet. secs 17 and 20
	Along S. slope of low hills
16.00	Trail, bears N. and S. ascend
30.00	Top of ascent 40 ft.
33.50	Frame house, bears N. 5 lks. dist.
	thence over rolling ground
39.95	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
	N. E. cor frame house bears S. 45°52' W. 1.31 chs.
	Mullen school house " S. 9°15' W. about 10 chs.
	Court house " S. 8°10' E.
	B. & M. railroad depot " S. 46°20' E.
43.50	Trail, bears N. 10° W.
53.61	Trail " N. and S. thence over broken ground on top of low hills
79.90	The cor. of secs. 17, 18, 19, and 20
	Land, broken
	Soil, sandy 3rd rate

	N. 89°46' W. on a random line bet. secs 18 and 19
40.00	Set temp. 1/4 sec. cor.
75.55	Intersect 4th Guide Meridian at the cor. of secs. 18 and 19
	Thence I run
	S. 89°46' E. on true line bet. secs. 18 and 19
	Ascend out of blow out
7.20	Sand peak or bluff 100 ft. descend abruptly
11.00	Bottom of descent in depression, ascend over broken ridges

Subdivision of T. 24 N., R. 32 W.

Chains	
20.00	Ridge 50 ft. above, descend
34.50	Bottom of descent
35.55	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
	Ascend
40.00	Top of ascent, on ridge, thence along S. face of range over ridges
67.50	Begin descent, along S. E. slope
75.55	The cor. of secs. 17, 18, 19 and 20.
	Land, broken
	Soil, sandy 3rd rate

	N. 0°05' W. bet. secs. 17 and 18
	Over rolling foot hills
2.00	Begin ascent along S. E. slope of bluff
4.00	Top of ascent 50 ft. above cor. descend
10.00	Bottom of descent, thence ascend along S. E. slope
28.00	Top of ascent 100 ft. thence along E. face of bluffs
40.00	Deposit 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
48.00	Begin descent along N. E. slope
61.10	Trail, at bottom of descent, thence over rolling ground
80.00	Deposit a charred stake 12 ins in ground for cor. of secs. 7, 8, 17 and 18, dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit

Subdivision of T. 24 N., R. 37 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. 8 on N.E. N. 37 W., S. 17 on S.E. S. 18 on S.W. and S. 7 on N.W. faces with 4 notches on S. and 5 on E. edges

Land, broken

Soil, sandy 3rd rate

September 21, 1896

S. 89° 27' E. on a random line bet. secs. 8 and 17

40.00 Set temp. 1/4 sec. cor.

79.86 Intersect N. and S. line 7 lks. N. of cor. of secs. 8, 9, 16 and 17

Thence I run

N. 89° 24' W. on true line bet. secs. 8 and 17

Over rolling land

15.40 Trail

18.00 Begin ascent, along E. slope

34.00 Top of ascent 100 ft. thence over broken ground

39.93 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

45.00 Top of bluff, thence descend along W. slope

70.00 Bottom of descent, thence over low rolling hills.

79.86 The cor. of secs. 7, 8, 17 and 18

Land, broken

Soil, sandy 3rd rate

N. 89° 46' W. on a random line bet. secs. 7 and 18

40.00 Set temp. 1/4 sec. cor.

Subdivision of T. 24 N., R. 37 W.

Chains

75.30 Intersect 4th Guide Meridian 17 lks. N. of the cor. of secs. 7 and 18

Thence I run

S. 89° 54' E. on true line bet. secs. 7 and 18

Over rolling ground, sloping S.

15.00 Begin gentle descent

18.00 Bottom of descent, in depression, ascend over rolling ground sloping S. W.

35.30 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

40.00 Top of ascent 40 ft. descend gently along N.E. slope over low ridges

49.00 Trail, bears N. 60° W.

57.75 " " N. 30° W. at bottom of descent thence over low rolling hills

75.30 The cor. of secs. 7, 8, 17 and 18

Land, broken

Soil, sandy 3rd rate

N. 00° 05' W. bet. secs. 7 and 8.

Over low rolling hills

10.00 Begin ascent, over rolling 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 ash stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face

42.00 Top of ascent

46.00 River bluff, descend along W. face of canon

58.00 Bottom of descent, at right bank of Soup river 70 lks. wide, course E. thence over rolling valley.

Subdivision of T. 24 N., R. 37 W.

Chains

60.75 S. W. bank of Soup River, course N. 10° W.
61.50 N. W. " " " " N. 30 E.
Ascend gritty
76.00 Foot of bluffs, ascend along S.E. face of canon
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 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. 37 W., S. 8 on S.E.
S. 7 on S.W. and
S. 6 on N.W. faces with 5 notches on S. and E. edges
A cottonwood 24 ins. dia. bears S. 22° W. 8.27 chs. dist. which I mark
T. 24 N., R. 37 W. S. 7 B.T. in blaze
Sand, broken
Soil, sandy 1st and 3rd rate

S. 89° 24' E. on a random line bet. secs. 5 and 8
40.00 Set temp. 1/4 sec. cor.
79.80 Intersect N. & S. line at the cor. of secs. 4, 5, 8 and 9
Thence I run
N. 89° 24' W. on true line bet. secs. 5 and 8
Over rolling ground
10.10 Trail, bears N. & S. ascend along E. slope of ridge
75.00 Top of ascent, on S. face of ridge, descend
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 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 N. face

45.0
70.0
79.8
40.00

Subdivision of T. 24 N., R. 37 W.

Chains

41.00 Bottom of descent, ascend gritty over rolling hills
41.70 Trail, bears N. 70° W, thence over ridges, along S. face
70.00 Begin descent into canon
75.00 Bottom of descent, ascend along S.E. face
79.80 The cor. of secs. 5, 6, 7, and 8
Sand, rolling and broken.
Soil, sandy 3rd rate

N. 89° 54' W. on a random line bet. secs. 6 & 7
40.00 Set temp. 1/4 sec. cor.
75.77 Intersect 4th Guide Meridian 2 lks. N. of the cor. of secs. 6 and 7
Thence I run
S. 89° 55' E. on true line bet. secs 6 and 7
Descend over rolling ground, sloping to N.E.
37.00 Trail, bears N.W. & S.E.
35.77 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 N. face
35.70 Trail to Becker's house, N. and S.
41.00 Begin descent along N.E. slope
47.00 Bottom of descent, thence over rolling valley land.
59.80 Right bank Soup River course S. 5° E.
60.70 Left " " " "
Thence through willow underbrush
67.00 ascend along S.W. slope.
74.00 Top of ascent, 50 ft. above river
75.77 The cor. of secs. 5, 6, 7, and 8
Sand, broken and rolling
Soil, sandy 1st and 3rd rate

Chains	
	N. 0° 05' W. bet. secs. 5 and 6
	ascend along S. slope of bluff
3.00	Top of ascent 50 ft. thence descend along
	W. face of range
7.00	Bottom of descent, thence ascend along
	N. face of canon.
33.00	Leave canon, ascend over 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. sq. 12 ins. in the ground, marked
	1/4 S. on N. face
43.00	Top of ascent, thence over rolling land
65.50	Trail, bears N. 15° W.
79.00	Descend into depression
83.00	Bottom of descent, ascend
86.46	Intersect 6th Standard Parallel N. 89° 45' W.
	5.53 chs. dist. from the 1/4 sec. cor. on S. bdy.
	of sec. 33 T. 25 N., R. 32 W.
	Deposit a charred stake 12 ins. in the ground
	for closing cor. of secs 5 and 6, 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 ash stake 2 ft. long 2
	ins. sq. 12 ins. in the ground, marked
	C. C. T. 24 N., R. 32 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, broken
	Soil, sandy 3rd rate
	September 22, 1896

General Description

This Tp. consists of rolling valleys, and broken ranges of sand hills except along the Soup river, where the hills become precipitous

The Soup River, which flows through the Tp. is a stream about 50 ft. wide and 2 ft. deep, with a rapid current.

The land along the river is fertile

No timber of any description in Tp. except along the river, where there are scattering cedar and cottonwood with underbrush of plum etc.

The town of Mullen, in sec. 20, the county seat of Hooker Co. consists of about 40 buildings, has school house, court house, blacksmith shop, 2 stores, depot etc.

Willard W. Alt
U. S. Surveyor

September 22, 1896

Claim lines of T. 24 N., R. 32 W.

Chains	
	Sec. No. 59)
	The T.C. claim of William B. Cloud on SECS.
out	33 ~~and 34~~ Area 160 Acres
	The S.E. cor. of the claim is a cedar stake said to be the old cor. of SECS. 3, 4, 33 and 34 Tp. 23 and 24 N.
	By agreement between representatives and owners of the following claims town:
	Pre. of John A. Nichham
	H.E. Chas. N. Wilgus
	Pre. and T.C. Wm B. Cloud
	H.E. and T.C. John P. Reynolds
	Pre. Josie Graham
	Pre. Ovid Robinson and
	Pre. Cyrus Satterlee
	Said claims were surveyed from the old cor. mentioned above
	From the S.E. cor. I run
	West along S. bdy of claim
	Ascend gently, over rolling ground in S. Edge of abandoned plowing.
12.00	Top of ascent, descend gradually over rolling ground
33.00	Bottom of descent, in neck of valley, ascend along N.E. slope
39.00	Top of ascent 75 ft. thence over rolling ground, along top of range
80.00	Deposit a charred stake 12 ins. in the ground for S.W. cor. of claim, and S.E. cor. Pre. claim of Cyrus Satterlee, owned by Stull Brothers, 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 N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked W. B. C. on N.E. and S. B. on N.W. faces
	(Between 59 & 56)
	North bet. this claim and the Pre. claim of Cyrus Satterlee, owned by Stull Bros. of Lincoln Neb. Over rolling ground, along top of range

Claim lines of T. 24 N., R. 32 W.

Chains	
7.00	Begin gradual descent
20.00	Set temp. cor.
	From the S.E. cor. of the claim I run North along E. bdy. Descend gently along N. slope, in E. end of plowed field
5.20	Leave " "
20.00	Deposit a marked stone 12 ins. in the ground for N.E. cor. of claim, the S.E. cor. of Pre. claim of Josie Graham, and S.W. cor. of Pre. claim of ~~William B. Cloud~~ Anna Dwight, dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of Earth 3½ ft. base 1½ ft. high over deposit In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked W. B. C. on S.W. A. D. on N.E. and J.E. G. on N.W. faces Clouds sod house bears S. 67° 15' E. 75 lks. dist. Thence I run
	West along N. bdy. bet. this claim and the Pre. claim of Josie E. Graham. Over rolling ground in N. edge of abandoned plowed field
40.00	Deposit a charred stake 12 ins. in the ground for S.W. cor. of Pre. claim of Josie E. Graham, and S.E. cor. of Pre. claim of Ovid Robinson, owned by Stull Brothers, 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 N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J.E.G. on N.E. and S.B. on N.W. faces
50.00	Begin gentle ascent
72.00	Top of ascent, 30 ft. thence over rolling ground

Claim lines of T. 24 N., R. 37 E.

Chains

79.60 Leave flowing

80.00 The trump. cor. where I deposit a charred stake 12 ins. in the ground, for N.W. cor. of claim and S.W. cor. of Pre. claim of Ovid Robinson owned by Stull Brothers, 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

N.B.C. on S.E. and

S.B. on N.E. faces

The S.E. cor. of claim bears N. 87° 34' W. 14.61 chs. dist. from the cor. of secs. 3, 4, 33 & 34 To. 23 & 24 N.

Lat. 0.62 N., Dep. 14.60 chs. N.

Sec. No. 58

The Pre. claim of William B. Cloud on secs. 33 and 34, owned by Anna Dwight

Area 160 acres

The S.W. cor. of claim is described in the notes of the survey of William B. Cloud's T.C. claim

Thence I run

North bet. this claim and the Pre. claim of Josie E. Graham

Over nearly level ground, along N. edge of trail or road.

36.00 Begin gradual ascent, along S. slope

40.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of claim and N.E. cor. of the Pre. claim of Josie E. Graham.

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

A.D. on S.E. and

J.E.G. on S.W. faces

This Cor. bears S. 36° 56' W. 24.20 chs. dist. from Cor. of Secs. 27, 28, 33 & 34. Lat. 19.38 chs. Dep. 14.52 chs.

Claim lines of T. 24 N., R. 37 E.

Chains

East along N. bdy.

Along S. slope of hills, over rolling ground.

0.50 Trail to Mullen, bears N. 10° E

40.00 Set trump. cor.

From the S.W. cor. I run

East along S. bdy.

Ascend gulch, over rolling ground

25.00 Top of ascent 30 ft. thence over rolling ground along S. slope of hills

40.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim, and S.W. cor. of the T.C. of John P. Reynolds, 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

A.D. on N.W. and

J.P.R. on N.E. faces

Thence I run

North bet. this claim and the T.C. claim of John P. Reynolds

Descend gulch, along N. slope, through abandoned flowing

15.00 Bottom of descent

19.60 Trail, bears E. and S. 70° N.

20.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of the T.C. claim and S.W. cor. of the W.E. claim of John P. Reynolds, 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

J.P.R. on N.E. and S.E. faces

S.W. cor. Reynolds house bears S. 75° W. 1.05 chs. dist.

34.00 Leave plowing
36.00 Begin ascent along S. slope of hills
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 John P. Reynolds' H.E. 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 S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
A. D. on S.W. and
J. P. R. on S.E. faces

Sec No. 6

The H.E. claim of John P. Reynolds on secs. 34 and 35 Area 160 Acres

The N. bdy. is described in the notes of the survey of William B. Cloud's Ore. claim owned by Anna D. Wright.
From the N.W. cor. of the claim I run
East along N. bdy.
Along S. slope of hills, descending
34.00 Bottom of descent in neck of valley, ascend along N. face of hills.
67.00 Top of ascent, thence along S. face of range descend along S.E. slope
80.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of claim and N.W. cor. of the Ore. claim of John A. Nickham, owned by Stull Bros. 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
J. P. R. on S.W. and
S. B. on S.E. faces
Thence I run

---

6 chains
South along E. bdy. bet. this claim and the Ore. claim of John A. Nickham owned by Stull Bros. Descend along S.E. slope
10.00 Bottom of descent
14.17 Trail, bears N. 60° E. thence over rolling ground
20.00 Set temp. cor.

From the S.W. cor. of the claim I run East, along S. bdy. bet. this claim and the T.C. claim of John P. Reynolds.
Over level ground, in S. edge of abandoned plowed field
21.30 Leave plowed field, witnds N. 10 chs. thence over nearly level ground, in old trail
40.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of H.E. claim of Charles W. Wilgus and N.E. cor. of T.C. claim of John P. Reynolds 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
J. P. R. on S.W. and
C. W. W. on S.E. faces
Thence over rolling ground, in S. side of old trail, and N. of abandoned plowed field.
80.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for S.E. cor. of claim and N.E. cor. of the H.E. claim of Charles W. Wilgus dig pits 18 x 18 x 12 ins. W. 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
J. P. R. on N.W. and
C. W. W. on S.W. faces
This cor. bears N. 87° 47' E. 75.40 chs. dist. from the ¼ sec. cor. bet. secs. 34 & 35, Sat. 0.98 S, Dep. 75.38 E.
Land, rolling
Soil, sandy 3rd rate

Claim lines of T. 24 N., R. 32 W.

Chains Sec. No. 63

The H.E. claim of Charles W. Wilgus on secs. 34 and 35

The N. bdy. of the claim is described in the notes of the survey of the H.E. claim of John P. Reynolds
The N.W. cor. bears N. 86° W. 14.66 chs. dist. from the 1/4 cor. bet secs. 34 and 35
Lat 1.03 N., Dep. 14.62 chs. W.
Thence I run
South bet. this claim and the T.C. claim of John P. Reynolds.
Over rolling land in center of old fire guard
13.00 Enter rolling foot hills,
20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of T.C. claim of John P. Reynolds dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J.P.R. on N.W. face
40.00 Deposit a charred stake 12 ins. in the ground for S.W. cor. 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
C.W.W. on N.E. face
Thence I run

East, along S. bdy.
Over rolling foot hills
13.00 Ascend along N.W. slope of range
33.00 Top of ascent, thence along top of range
40.00 Set temp. cor.

Claim lines of T. 24 N., R. 32 W.

Chains

From the N.E. cor. of the claim I run
South, bet. this claim, and the Pre. claim of John A. Wickham, owned by Stull Bros.
Over rolling land
18.00 Begin gradual ascent, along N. slope
20.00 Deposit a charred stake 12 ins. in the ground for S.W. cor. of Wickham 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
S.B. on N.E. face
38.00 Top of ascent 75 ft. thence over broken ground,
40.00 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.W.W. on N.W. face
Land, rolling and broken
Soil, sandy 2nd and 3rd rate

Sec. No. 64

The Pre. claim of John A. Wickham, on sec. 35 owned by Stull Brothers of Lincoln Neb.
Area 160 acres

The W. bdy. is described in the notes of the survey of the claims of J.P. Reynolds and Charles W. Wilgus
From the N.W. cor. I run
East, along N. bdy. of claim
Descend along S.E. slope of hills
13.40 Trail at bottom of descent bears N. 50° E. thence over rolling foot hills
27.00 Begin gradual ascent along S.W. slope
40.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the claim, dig pits 18x18x12 ins.

Chains

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.
Descend slightly, along S. slope
17.00 Bottom of descent, thence over rolling ground
19.20 Trail bears E. and W.
40.00 Set temp. cor.

From the S. W. cor. of the claim I run
East, along S. bdy.
Over gently rolling ground, sloping to N.
28.50 Trail, bears S. 80° E.
29.00 Enter S. end of abandoned plowed field
33.00 Leave plowed field
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for S. E. cor 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. 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
This cor. bears S. 38° 15' W. 23.55 chs. dist. from the ¼ cor. bet. secs. 35 and 36
Lat. 18.49 S., Dep. 14.58 chs W.
Land, rolling
Soil, sandy 2nd rate

Sec. No. 62

The T. C. claim of John O. Reynolds, on sec. 34 Area 80 acres

The N. E. and W. faces of this claim are described

Chains

in the notes of the survey of the claims of William B. Cloud, Charles W. Wilgus and the H. E. claim of John O. Reynolds
From the S. E. cor. I run
West, on a random line
40.00 Intersect N. & S. line at the S. W. cor. of claim
Thence I run
East, on true line, along S. bdy.
Along N. slope over rolling ground in E.
End of abandoned plowing
10.40 Leave plowing, descend gently
30.00 Bottom of descent, thence over rolling ground
39.80 Enter old fire guard, bears N. and S.
40.00 The S. E. cor. of the claim
Land, rolling
Soil, sandy 2nd rate
September 23, 1896

Sec. No. 58

The Pre. claim of Josie E. Graham on sec. 33 Area 160 acres

The E. and S. bdys of this claim are described in the notes of the survey of the T. C. and Pre. claims of William B. Cloud
From the S. W. cor. I run
North bet. this claim, and the Pre. claim of Ovid Robinson owned by Stull Brothers
Over rolling land, in abandoned plowed field
0.70 Leave plowed field.
0.90 Trail, bears E. and W.
29.00 Ascend along S. slope
39.00 Top of ascent, 100 ft. on range
40.00 Set temp. cor.

From the N. E. cor. of the claim I run
West along N. bdy.
Over rolling ground, along S. slope

Claim lines of T. 24 N., R. 37 W.

Chains

3.00 Begin descent along S.E. slope

28.50 Top of ascent 100 ft. thence over broken ground

40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for N.W. cor. of claim and N.E. cor. of the Pre. claim of Ovid Robinson owned by Stull Brothers, 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
S.E.C. on S.E. and
S.B. on N.W. faces

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

Sec. No. 57.
The Pre. claim of Ovid Robinson on secs. 32 and 33 owned by Stull Brothers.
Area 160 acres

The S. and E. bdys are described in the notes of the survey of the T.C. claim of William B. Cloud, and the Pre. claim of Josie E. Graham
From the N.E. cor. of the claim I run
West along N. bdy.
Over very broken ground along top of range
40.00 Set temp. cor.

From the S.W. cor. of the claim I run
North bet. this claim and the Pre. claim Cyrus Satterlee, owned by Stull Brothers.
Over rolling ground
2.00 Trail, trans E. and W.
20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor of Pre. claim of Cyrus Satterlee owned by Stull Brothers, dig pits 18x18x12 ins

Claim lines of T. 24 N., R. 37 W.

Chains

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

28.00 Foot of range, E. and W. ascend along S. slope

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

The S.W. cor. of the claim bears S. 36°15' W. 24.67 chs. dist. from the ¼ cor. bet. secs. 32 and 33
Lat. 14.56 S., Dep. 19.85 chs. W.

Sand, rolling and broken
Soil, sandy 2nd and 3rd rate.

Sec No. 56.
The Pre. claim of Cyrus Satterlee on Sec. 32 owned by Stull Brothers.
Area 160 Acres

The E. bdy. is described in the notes of the survey of the T.C. claim of William B. Cloud and Pre. claim of Ovid Robinson
From the S.E. cor. I run
West along S. bdy. of claim
Over broken land, along top of low range of hills
40.00 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
S.B. on N.E. face
Thence I run

Claim lines of T. 24 N., R. 32 W.

Chains

North, along W. bdy of the claim
Over broken ground
5.00 Begin descent, along N. slope
22.59 The S. line of land claimed by William Barneby as his H.E. claim
Deposit a charred stake 12 ins. in the ground for S.E. cor. of Barnebys 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 N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W. B. on N.W. face
Barnebys house bears N. 47°30' W. about 15 chs. dist.
26.80 Trail bears N. 80° W.
40.00 Set temp. cor.

From the N.E. cor. of the claim I run
West along N. bdy.
Over rolling ground
40.00 The temp. cor. 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
S. B. on S.E. face
Land rolling and broken
Soil sandy 2nd and 3rd rate.
The N.E. Cor. of Claim bears N 89°25' W., 14.57 Chs. dist. from 14 cor. bet. Secs. 32 & 33. Lat. 0.15 Chs. Dep. 14.56 Chs.

Sec. No. 33

The H.E. claim of William Barneby on secs. 31 and 32 Area 160 acres

From the S.E. cor of claim, which is described in the notes of the survey of Cyrus Satterlee's Pre. claim, owned by Stull Brothers I run

Claim lines of T. 24 N., R. 32 W.

Chains

West along S. bdy.
Over rolling foot hills
8.25 Trail, bears N. and S. ascend along N.E. slope
53.00 Top of ascent 100 ft. on N. face of hills, descend along N.W. slope
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 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. B. on N.E. face
Thence I run

North along W. bdy. bet. the H.E. and T.C. claims of William Barnebys
Along N.W. face of range
2.00 Begin descent along N.E. slope
14.14 Trail, bears N. 80° W.
16.00 Bottom of descent thence over rolling ground sloping to E.
20.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of S. part of H.E. and N.E. cor. of T.C. claim of William Barnebys, 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
W. B. on S.E. and S.W. faces

From the N.W. cor of Cyrus Satterlee's Pre. claim
I run North
Over rolling ground
7.59 Deposit a charred stake 12 ins. in the ground for N.E. cor. of 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

Chains

In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
N. B. on S. W. face
Thence I run

West, along N. bdy. of S. part of claim
Over rolling land
7.40 Trail, bears N. and S. Enter N.E. cor. abandoned plowed field
20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the N. part of 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
N. B. on N. W. face
This cor. bears N. 67° 35' E. 6.07 chs. dist. from the ¼ cor. bet. secs. 31 and 32
Sat. 230 N., Dep. 5.56 chs. E.
Thence I run

North, along E. bdy. of the N. part of claim
Over rolling ground, in plowed field
14.00 Leave plowed field, thence over rolling ground
20.00 Set temp. cor.

From the N.W. cor. of the S. part of claim, I run
East, along N. bdy.
Descend gently over rolling ground
20.00 Deposit a charred stake 12 ins. in the ground for S.W. cor. of the N. part of claim, dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
N. B. on N. E. face

Chains

North, along W. bdy. of N. part of claim
Over rolling ground
4.80 Leave plowing, E. and W. begin gradual ascent along S. slope
16.00 Top of ascent 70 ft. thence over broken ground
20.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of N. part of claim. dig pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins sq. 12 ins in the ground, marked
N. B. on S. E. face
Thence I run

East, along N. bdy.
Over broken ground, along top of range
6.00 Begin descent along S.E. face
14.00 Descend abruptly
18.00 Bottom of descent, thence over rolling ground
20.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for N.E. cor. of the N. part of claim, dig pits 18 x 18 x 12 ins. S. and W. of cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked
N. B. on S. W. face
Land rolling
Soil, sandy, 2nd rate

Sec. No. 54

The F.C. claim of William Barnesby on sec. 31 Area 160 Acres

The N.E. cor. is described in the notes of the survey of William Barnesby's H.E. claim
From this cor. I run
West, along N. bdy.

Claim lines of T. 24 N., R. 3 W.

Chains

Ascend along S.E. slope of hills
15.00 Top of ascent 75 ft. on S. face of range
23.00 Begin descent along S.W. slope
30.00 Bottom of descent, thence over rolling ground
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
W.B. on S.E. face
This cor. bears N. 26° 25' E. 2.03 chs. dist. from the ¼ cor. on W. bdy. sec. 31
Lat. 1.78 N., Dep. 0.97 chs. E.
Thence I run

South along W. bdy.
Over level ground
2.45 Trail, bears N. 70° E.
17.00 Begin ascent over rolling ground sloping to N.W.
33.00 Top of ascent 50 ft. thence over broken ground
40.00 Set temp cor.

From the S.W. cor. of H.E. claim of William Barnaby, I run
South along E. bdy. of the claim
Ascend along N.W. face of hills
18.00 Top of ascent on range, 100 ft. high
19.00 Descend along S. slope
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 N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W.B. on N.W. face
Thence I run

Claim lines of T. 24 N., R. 3 W.

Chains

West along S. bdy.
Over broken ridges and bluffs
9.00 E. edge sand blowout
11.40 W. " " " thence over rolling ground, along top of range descending gently
40.00 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
W.B. on N.E. face
Sand, rolling and broken
Soil, sandy 2nd and 3rd rate
September 24, 1896

See No. 53

The H.E. claim of Hannah Edwards on Secs. 27 and 28 Area 160 acres

At a point designated by the representative I deposit a charred stake 12 ins. in the ground for N.W. cor. of the claim, dig pits 18x18x12 ins. S. 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
H.E. on S.E. face
Thence I run

East along N. bdy. of the claim
Along S. face of range
5.00 Begin descent along S.E. slope
20.00 Bottom of descent, thence over low foot hills
30.00 Ascend along N.W. slope of low hills
40.00 Deposit a charred stake 12 ins. in the ground

Claim lines of T. 24 N., R. 32 W.

Chains

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
H.E. on S.W. face
This cor. bears N. 79°17' E. 18.05 chs. dist. from the ¼ cor. bet. secs. 27 and 28
Lat. 3.30 N., Dep. 17.74 chs. E.
Thence I run

South along E. bdy.
Ascend gently, along N.W. slope over rolling ground
28.00 Top of ascent, thence over very broken ground
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.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
H.E. on N.W. face
Thence I run

West along S. bdy.
Ascend over broken bluffs
9.50 Top of ascent 50 ft. above cor. thence over very broken ridges
22.60 Begin abrupt descent into blowout
25.00 Bottom of descent, thence over broken ground along N.E. slope
32.05 Trail, bears N. 30° W.
40.00 Set temp. cor.

80.60
10.7
2/ 80.60
40.3

From the N.W. cor. of the claim I run South, along W. bdy.

Claim lines of T. 24 N., R. 32 W.

Chains

Descend along S. slope
6.00 Bottom of descent
6.70 N. edge plowing, thence over rolling ground
8.00 Begin gradual ascent, along N. slope
11.50 S.W. cor. of plowing
28.00 Trail, bears N. 60° W. ascend along N.E slope
38.00 Top of ascent
40.00 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 3 ft. long 2 ins. sq. 12 ins. in the ground marked
H.E. on N.E. face
Land, rolling and broken
Soil, sandy 2nd and 3rd rate

Sec No. 50

The Pre. claim of George W. Vlick on secs 17, 20, and 21 owned by Charles T. Crawford
Area 160 Acres

I commence at the old cor. of secs 16, 17, 20 and 21 which is an iron peg and cedar stake in flat mound
From this cor. were run the claims of George Marzy, E. J. Manzy, L. S. Trefren and Wm Shire at the request of the representatives of the owners.
From this cor. I run
East, along N. bdy
Ascend over rolling ground
12.80 Top of ascent, 4 lks. S. of a fence enclosing a grave
Several graves lying N. descend
15.36 Intersect N. bdy. sec. 16 at a point N. 0°04' W. 2.27 chs. dist. from the cor. of secs. 16, 17, 20 and 21 where I deposit a charred stake 12 ins. in the ground for closing cor. of N. 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

Claim lines of T. 24 N., R. 3 W.

Chains

In W. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C. C. on W.
C. T. C. on S. and
N. S. S. on E. faces

From the point of beginning I run
West, along N. bdy.
Over rolling ground, along S. slope of range
0.40 Trail, bears N.E.
7.45 " " ascend
16.00 Top of ascent, thence over rolling ground along top of range
38.95 Trail, bears N. 15° W.
44.00 Begin slight descent
60.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of claim, and N.E. cor. of H.E. claim of Luther S. Trefren, 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
C. T. C. on S.E. and
L. S. T. on S.W. faces
Thence I run

South, bet. this claim and the H.E. claim of L. S. Trefren
Over rolling foot hills
20.00 Deposit a charred stake 12 ins. in the ground for S.W. cor. of this claim, and N.W. cor. of the N. part of George Marry's 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 E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C. T. C. on N.E. and
G. M. on S.E. faces

Claim lines of T. 24 N., R. 3 W.

Chains

East, bet. this claim and the H.E. claim of George Marry
Over rolling foot hills
6.00 Begin gentle descent
15.50 Trail, bears S. 60° W. thence over rolling ground
36.50 Trail, bears S. 70° W.
40.00 Deposit a charred stake 12 ins. in the ground for cor. of claims of George Marry and Emma I. Mauzy, owned by Watson E. Wing 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
G. M. on S. W. and
W. E. W. on S.E. faces
41.15 Telegraph line, along railroad
44.13 Center of track, Burlington and Missouri River railroad, course N. 74° 25' E. and reverse
48.05 N.E. cor. of railroad section house
50.10 Trail, bears S. 20° W.
57.75 " " S. 30° E. ascend over rolling foot hills
74.00 Top of ascent, thence over rolling foot hills
80.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of N. part of Emma I. Mauzy's H.E. claim, owned by Watson E. Wing dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W. E. W. on S. W. face
The area (1.06 acres) lost from sec. 16 will be added to the E. end of claim by making the length 80.60 chs.

2.27 +
+ Adj. .03
2.30
2.27
2.30
x .524
= 1.1973
167.200
− 1.1973
160.0027 acres
40.50

80.60 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

Claim Lines of T. 24 N., R. 37 W.

Chains

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.T.C. on N.N. face
Thence S run

North along E. bdy.
Over rolling foot hills
3.00 Enter, N. end of old plowing
7.25 Leave plowing
8.88 Enter of track Burlington and Missouri River
railroad on 3° curve to S. bearing of tangent N. 85°05' W.
9.45 Telegraph line
10.00 Trail, ascend gradually
17.77 Intersect S. bdy. sec. 16 at a point S. 89°43' E.
5.24 chs. from the cor. of secs. 16, 17, 20 and 21
Deposit a charred stake 12 ins. in the ground for
closing cor. of the E. bdy. 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
C.C. on S.
N.S.L. on N. and
C.T.C. on N. faces
Land, rolling and broken
Soil sandy 3rd rate

Sec. No. 49

N.E. claim of Luther S. Trefren on Secs. 17, 18,
19 and 20 Area 160 acres

From the N.E. cor. of the claim which is described
in the notes of the survey of the Pre. claim of
George N. Hick I run
West along N. bdy.
Over rolling ground, sloping to S.W.
11.00 Begin ascent along S.E. slope
27.00 Top of ascent on ridge, thence over ridge

Claim Lines of T. 24 N., R. 37 W.

Chains

along S. face
40.00 Deposit a charred stake 12 ins. in the ground
for N.W. cor. of this claim and N.E. cor. of Pre.
claim of William Shire, owned by J.S. Moore
trustee, 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
L.S.T. on S.E. and
J.S.M. on S.W. faces
This cor. bears N. 73°25' E. 4.70 chs. dist. from
the ¼ sec. cor. bet. secs. 18 and 19
Lat. 1.34 N., Dep. 4.50 chs. E.
Thence S run

South bet. this claim and the Pre. claim of
William Shire, owned by J.S. Moore
2.00 Begin descent along S. slope of ridge
12.00 Bottom of descent thence over rolling land
17.73 Telegraph line, along railroad
18.01 Enter of track, Burlington and Missouri River
railroad, bears N. 78°15' W. and worse
18.43 Trail, begin gradual ascent
34.73 Enter S.E. cor. abandoned plowing
36.93 Top of ascent, 70 ft. above railroad, leave
plowing thence over rolling ground
37.70 Trail, bears E. and W.
40.00 Set temp. cor.

From the S.W. cor. of Pre. claim of George N.
Hick, owned by Charles T. Crawford, I run
South bet. the claims of Trefren and Mary
Descend slightly
3.00 Bottom of descent, thence over marshy level
land
5.15 Trail, parallel to railroad
5.56 Telegraph line

Claim lines of T. 24 N., R. 3 W.

Chains

6.00 Enter of track Burlington and Missouri River railroad, on 2° curve, bearing of tangent N. 78°14' W. curve merges into tangent about 50 ft. W.

12.00 Trail, bears S. 50° W.

20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim, and cor. of the H.E. claim of George Murry, 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.D.T. on N.W. and
G.M. on N.E. faces
Thence I run

West along S. bdy. bet. Trefren and Mary claims. Ascend gently over rolling ground, sloping to N.E.

19.95 Enter abandoned plowing

20.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of S. part of George Mary'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 E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

G.M. on S.E. face

22.40 Leave plowing

26.00 Top of ascent 50 ft. thence over rolling ground

40.00 The trmp. 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

S.D.T. on N.E. face

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

Sept. 25, 1896

Claim lines of T. 24 N., R. 3 W.

Chains Sec. 48

Ore. claim of William Shire on Secs. 18 and 19 owned by J.S. Moore trustee
Area 160 acres

The N.E. cor. and part of the E. bdy. are described in the notes of the survey of S.D. Trefren's Ore. claim.
From the N.E. cor. I run
West, along N. bdy. of the claim
Along S. face of range, over ridges

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

J.S.M. on S.E. face
Thence I run

South along N. bdy.
Along S. face of range

4.00 Begin descent, along S. slope

13.08 Telegraph line, at bottom of descent

13.79 Center of track, Burlington and Missouri River railroad, on 2° curve, N. 80° W. at point 100 ft. W. of tang. course of tang. N. 78°15' W.

15.00 Begin gentle ascent along N. slope

17.30 Trail, parallel to railroad

22.90 Trail, bears N. 40° E.

27.00 Top of ascent 50 ft. thence over rolling hills

38.76 Trail, bears E. and N.

40.00 Set trmp. cor.

From the S.W. cor. of S.D. Trefren's H.E. claim I run
South, along E. bdy.
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.

Chains

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
J. S. M. on N. N. face
Thence I run

West along S. bdy.
Ascend gently along N. E. slope
20.00 Top of ascent thence descend over broken ground, sloping to N.
38.95 Trail, bears N. 40° E. at bottom of descent
40.00 Deposit a charred stake 12 ins. in the ground for S. W. cor. 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. S. M. on N. E. face
Thence I run

North along W. bdy. of the S. part of claim
Over rolling ground
1.00 Trail, bears N. 20° E.
20.00 Deposit a charred stake 12 ins. in the ground for N. W. cor. of S. part of claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J. S. M. on S. E. face
Thence I run

East along N. bdy.
Over rolling ground
1.00 Trail, bears S. 80° E.

Chains
4.40 Same trail, bears N. 75° E.
8.05 Trail, bears N. and S. ascend
16.00 Top of ascent 30 ft. thence over rolling foot hills
20.00 The temp. cor. where I 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 W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J. S. M. on N. E. face
Land, rolling and broken
Soil, sandy 2nd and 3rd rate

Sec. No. 32

The H. E. claim of George Mar y on secs. 19 and 20 Area 160 acres
The N. and W. bdys. of the N. part and the N. bdy. of the S. part are described in the notes of the survey of claims of Luther S. Forfren and George W. Vlick owned by C. T. Crawford
From the N. W. cor. of the S. part I run
South, along W. bdy. of S. part of claim
Over rolling foot hills, in E. edge of abandoned plowing
18.00 Leave ", ascend
19.00 Top of ascent.
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
G. M. on N. E. face

From the N. E. cor. of the claim which bears S. 14° 15' E. 18.66 chs. dist. from the 1/4 sec. cor.

Claim lines of T. 24 N., R. 37 W.

Chains

Secs. 17 and 20, Lat. 18.09 S., Dep. 4.59 chs. E.
I run
South, bet. this claim and the Pre. claim of Emma J. Mangy, owned by Watson E. Wing
Over rolling ground
0.49 Telegraph line, parallel to railroad,
1.17 Center of track, Burlington and Missouri River railroad. Course N 74° 25' E. and reverse.
5.00 Enter N.E. cor. of plowing
12.75 Trail, bears N. 30° E. ascend slightly
18.00 Race, plowing at S.E. cor. Top of ascent 20 ft.
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 Emma J. Mangy claim. dig pits 15 x 15 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
G. M. on N. W. and
N. E. W. on N. E. faces
Thence I run

West, bet. this claim and the E. J. Mangy claim
Over rolling ground, along N. slope of hills
7.00 Trail, bears N.E. and S.W.
15.40 " " N.W. and S.E.
20.00 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 S. part of the E. J. Mangy 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
G. M. on S. W. and
N. E. W. on S. E. faces
Thence I run

Claim lines of T. 24 N. R. 37 W.

Chains

South bet. this and the E. J. Mangy claims
Ascend gully, along N. slope
19.00 Top of ascent, thence over rolling ground
19.90 Trail, bears N. 80° E.
20.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the S. part of this claim, and S.W. cor. of S. part of the E. J. Mangy 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
G. M. on N. W. and
N. E. W. on N. E. faces
Thence I run

West on a random line
40.00 Intersect N. and S. line at S.W. cor.
Thence I run
Easton true line along S. bdy.
Ascend along S. W. slope
10.00 Top of ascent 40 ft. above cor. descend
23.50 Trail, bears N. and S. at bottom of descent, thence over rolling ground
39.50 Trail, bears S. 80° W.
40.00 The S.E. cor. of S. part of claim
Sand, rolling and broken
Soil, sandy 2nd and 3rd rate

Sec. 21

The Pre. claim of Emma J. Mangy, on secs. 20 and 21, owned by Watson E. Wing
Area 160 Acres

The N. and W. bdy. of this claim are described in the notes of the survey of claims of George N. Vlick, owned by Charles L. Crawford and George Mangy.
From the S.W. cor. of the S. part of claim I run

Claim lines of T. 24 N., R. 32 W.

Chains

East along S. bdy.
Ascend over rolling ground, sloping to N.
10.00 Top of ascent 30 ft. thence descend along N.E. slope of low hills.
11.00 Enter abandoned plowing, extends 1 ch. N and 2 S.
30.90 Trail, bears N. and S. at bottom of descent, ascend gently.
39.95 ~~Leave plowing~~
40.00 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the S. part 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
W.E.N. on N.W. face
Thence I run

North, along E. bdy. of S. part of claim
Ascend
3.00 Top of ascent, 50 ft. above cor. thence over rolling ground
6.60 Trail, bears N. 30° W.
13.00 Same trail, bears N. 20° E.
20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of S. part of claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W.E.N. on S.W. face
Thence I run

East, along S. bdy. of the N. part of claim
Ascend over rolling ground
0.53 Trail, bears N. and S.
17.00 Top of ascent on N. face of range
18.00 Begin descent, into depression
20.00 Set temp. cor.

Claim lines of T. 24 N., R. 32 W.

Chains

From the N.E. cor of N. part of the claim I run
South, along E. bdy.
Ascend gradually, along N. slope
13.00 Top of ascent, thence descend over rolling ground, sloping to S.W.
20.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for S.E. cor of the N. part 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
W.E.N. on N.W. face
Land, rolling and broken
Soil, sandy 3rd rate.
September 26, 1896

Sec. No. 37

The T.C. claim of Evan P. Hughes on sec. 6
Area 131.92

The N. bdy. of the N. part of claim is described in the notes of the survey of the T.C. claim of Charles B. Kroft, in T. 24 N., R. 33 W. and the N. bdy. is the 6th Standard Parallel, which bears from the N.W. of claim S. 89° 26' E. 41.01 chs., thence S. 89° 47' E.
The width of the N. part of the claim at the W. end is 20 chs. and the far of the N. bdy. will be about 40 chs. S. consequently 911.0 sq. chs. divided by 19.60 gives 46.48 chs. for the length of the N. part of the claim
From the S.W. cor. of the N. part of claim I run
East, along S. bdy
Over broken bottom land
7.00 Right bank Soup River, course S. 70° E.
8.90 " " " " " N. 70° E.
13.40 " " " " " S. 70° E.
14.83 Left " " " " "

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

Chains
17.00 Left bank Soup River, course N. 20° W.
17.85 Right " " " " " "
19.75 " " " " " S. 60° E.
20.60 Left " " " " "
26.48 Deposits a charred stake 1½ ins. in the ground for N.W. cor. of S. part of claim, dig pits 18 x 18 x 12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of Earth 3½ ft. base 1½ ft. high over deposit
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
E. P. H. on S.E. face
Thence I run

South, along W. bdy. of the S. part of the claim
Over broken river bottom
13.30 Left bank Soup River, course N.W. 1 ch. wide
Begin ascent, along N. slope bluff.
20.00 Set temp. cor.

At a point S. 89° 47' E. 5.48 chs. dist. from the Standard cor. of secs. 32 and 33 I deposit a charred stake 1½ ins. in the ground for N.E. cor. of the claim, dig pits 18 x 18 x 12 ins. S. and W. of cor 4 ft. dist. and raise a mound of Earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
E. P. H. on S.W. face
Thence I run
South, along E. bdy. of the claim
Over rolling ground
26.00 Begin descent along S. slope, over bluffs
37.00 ~~Begin abrupt descent~~
39.50 ~~Bottom~~ descent on river ~~bottom~~
39.60 Deposit a charred stake 1½ ins. in the ground for S.E. cor. of the 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

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

Chains
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
E. P. H. on N.W. face
Thence I run

West along S. bdy.
~~Over rolling~~ Valley land
3.40 Left bank Soup river. Course S. 60° E. 75 lks. wide
15.00 Begin ascent, along N.E. slope
20.00 The temp. cor. where I deposit a charred stake 1½ ins. in the ground for S.W. cor. of the S. part of 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
E. P. H. on N.E. face
Land, broken
Soil, 1st and 3rd rate

Sec. No. 39

The T.C. claim of Joshua G. Nilsonison, on secs. 5 and 8. Area 160 Acres

The N.E. cor. of the claim is a cedar stake in flat mound, said to be the old cor. of secs. 4, 5, 8 and 9
At the request of the owners or their representatives the following claims were surveyed from this cor. to wit:
Peter Beckers H.E.
William A. Wilsons H.E. owned by E. T. De Merrett
Peter Hardy's H.E. owned by F. Cudeke and
Stephen Sister's Pre. owned by Mahulda Amick
From the N.E. cor. I run
South, along E. bdy. of the claim
4.00 Begin descent along S. slope
13.75 Trail, bears N.E. and S.W.
20.00 Deposit a charred stake 1½ ins. in the ground for the N.W. cor. of the H.E. claim of Peter Hardy, owned by Frederick M. Cudeke

Claim lines of T. 24 N., R. 37 W.

Chains

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. M. C. on S.E. face

30.00 Bottom of descent
37.94 Left bank Soup River 80 lks. wide, course S.E.
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
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J. G. W. on N.W. face
A cottonwood 48 ins. dia. bears S. 48° 30' E. 1.25 chs. dist. marked J.G.W. B.T. in blaze

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West along S. bdy. of the claim
Over level ground
2.80 Trail, to Mullen, bears N. and S.
10.00 Wilson Hurtt's sod house bears N. 80 lks. dist.
thence along N. foot hills of range
20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the S. part of H.E. claim of William A. Wilson, owned by Edwin F. DeMorrett 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 deposits.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
E. F. D. on S.W. face
An ash 3 ins. dia. bears S. 8° E. 44 lks. dist. marked E. F. D. B.T. in blaze
Ascend through brush
33.00 Top of ascent, on sand bluff, thence along N. face of range
40.00 Set temp. cor.

Claim lines of T. 24 N., R. 37 W.

Chains

From the N.E. cor. of the claim, I run
West along N. bdy.
Over rolling ground sloping to S.
4.00 Begin ascent along S.E. slope
13.00 Top of ascent 150 ft. above river, thence over rolling ground
37.50 Trail, bears N. 30° W.
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. G. W. on S.E. face
This cor. bears N. 77° 10' W., 15.44 chs. dist. from the ¼ sec. cor. bet. secs. 5 and 8
Lat. 3.43 N., Dep. 15.05 chs. W.

South along W. bdy.
Descend along S. slope
20.00 Bottom of descent. Deposit a charred stake 12 ins. in the ground for N.E. cor. of the H.E. claim of William A. Wilson, owned by Edwin F. DeMorrett, 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
E. F. D. on S.W. face
27.20 Left bank Soup River, 80 lks. wide course N. 80° E. thence over river bottom.
34.00 Begin ascent along N. slope, through growth of underbrush
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for S.W. cor. of this claim, and S.E. cor. of the N. part of the William A. Wilson H.E. claim, owned by Edwin F. DeMorrett, dig pits 18x18x12 ins. N. and

Chains

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. G. N. on N. E. and
E. F. D. on N. W. faces
An ash 3 ins. dia. bears N. 53° 30' E. 33 lks. dist. which I mark J. G. N. B.T. in blaze
Land, rolling and broken
Soil, sandy 1st and 3rd rate
September 29, 1896

Sec 20

The H.E. claim of William A. Wilson on secs. 7 and 8, owned by Edwin F. De Merritt
Area 160 acres

The E. bdy. of the N. part, and the N. bdy. of the S. part of the claim are described in the notes of the survey of Joshua G. Willkanison's F.C. claim.
From the N.E. cor. of the N. part of the claim I run
West along N. bdy.
Over rolling ground sloping S.
18.60 Left bank Soup River, course S. 70° E.
Here I offset to the N. 40 lks. thence
West on the offset line.
20.00 This point is 40 lks. N. of the point for S.E. cor. of Peter Becker's H.E. claim, which falls in Soup River. Therefore at a point N. 52 lks. dist from the offset line, or 92 lks. dist. from the point for cor. I deposit a charred stake 12 ins. in the ground for witness cor. to the S.E. cor. of Peter Becker'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 N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W.C. P.B. on N.W. face

Chains

24.30 I offset to the S. 40 lks. to left bank Soup River, thence on true line, over level land
26.00 Left bank Soup river, course S. 50 lks. wide thence, ascend gutty, over rolling ground sloping to N.E. through underbrush.
40.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of the N. part of claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
E.F.D. on S.E. face
Thence I run

South along W. bdy. of the N. part of claim
Ascend along S.E. slope of bluff
6.75 Top of ascent 100 ft. above cor. thence over rolling ground along top of bluff
20.00 Deposit a charred stake 12 ins. in the ground for S.W. cor. of 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
E.F.D. on N.E. face
Thence I run

East along S. bdy. of N. part of claim
Over rolling ground.
20.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of 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
E.F.D. on S.E. face

Chains

This cor. bears N. 57°07' E. 5.55 chs. dist. from the 1/4 sec. cor. bet. secs. 7 and 8
Lat. 3.07 N. Dep. 4.66 chs. E.

South along W. bdy. of the S. part of claim
Over broken ground
7.00 Sand peak, 40 ft. high
20.00 Deposit a charred stake 12 ins. in the ground for S.W. cor. of the S. part of claim, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked
E. F. D. on N.E. face
Thence I run

East, along S. bdy. of the S. part of claim
Ascend gently over rolling ground
10.00 Top of ascent, thence descend gently over rolling ground
40.00 Set temp. cor.

From the N.E. cor. of S. part of claim I run
South, along E. bdy.
Ascend gently, through underbrush
3.00 Begin abrupt ascent, along N.E. face of canon
7.00 Top of abrupt ascent, thence ascend gradually along N.E. slope
20.00 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 3 1/2 ft. base 1 1/2 ft. high, over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
E. F. D. on N.W. face

Land, broken. Soil, sandy 1st and 3rd rate

Chains See No. 38

The H.E. claim of Peter Becker on Secs. 5, 6, 7, and 8 Area 160 acres

The witness cor. to the S.E. cor. of the claim is described in the notes of the survey of the H.E. claim of William A. Wilson owned by Edwin F. De Merritt.
Thence I run
North, along E. bdy. of the S. part of claim
Over rolling ground
4.00 Begin ascent along S. slope
10.30 Top of ascent 75 ft. thence over broken ground, along N. face of canon
19.08 Deposit a charred stake 12 ins. in the ground for N.E. 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 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
P. B. on S.W. face
This cor. bears N. 57°15' E. 5.58 chs. dist. from the cor. of secs. 5, 6, 7, and 8
Lat. 3.07 N., Dep. 4.69 E.
Thence I run

West along N. bdy. of the S. part of claim
Along S. face of hills
4.00 Begin descent along S.W. slope
15.00 Bottom of descent, thence over level wet bottom.
20.00 Set temp. cor.

From the N.W. cor. of the N. part of the H.E. claim of William A. Wilson owned by E. F. D. Merritt I run
West along S. bdy.
Ascend, abruptly along N.E. slope

Chains

6.00 Top of ascent 100 ft. on N. face of bluff thence over broken 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

Cut N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

P.B. on N.E. face

Thence I run

North, along W. bdy. of the claim

Ascend along S.E. slope

13.00 Top of ascent 150 ft. above river, thence over broken ground, along bluffs

27.60 Trail, bears N. 80° E.

47.00 Descend along N.E. slope of bluffs

58.00 Bottom of descent, thence over level land

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

P.B. on S.E. face

Thence I run

East, along N. bdy.

Over valley land

6.00 Right bank Soup River, 1 ch. wide, course S. 20° E.

8.00 Ascend abruptly along S. W. face of bluffs

19.00 Top of ascent 150 ft.

20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of N. 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.

Chains

Cut S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

P.B. on S.W. face

Thence I run

South, along E. bdy. of the N. part of claim

Descend along S. face of bluffs, over canons and ravines

17.00 Bottom of descent, enter bottom land

37.00 Left bank Soup River, course S.

33.50 " " " " " S. 20° W.

38.00 Enter willow brush

40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for S.E. 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. Cut N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

P.B. on N.W. face

Sand, broken

Soil, sandy 1st and 3rd rate

Sec. No. 41

The H.E. claim of Peter Hardy on Secs. 8 and 9 owned by Frederick M. Ludebec.

Area 160 Acres

The N.W. cor. is described in the notes of the survey of the T.6. claim of Joshua G. Wilkinson

From this cor. I run

East along N. bdy.

Over rolling ground

2.00 Ascend abruptly along W. face of bluffs

8.20 Top of ascent 100 ft. thence over rolling ground

20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of the N. part of claim, dig pits

Claim lines of T. 2 N., R. 3 W.

Chains

18 x 18 x 12 ins. S. and N. 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, mound
F. M. C. on S. N. face
This Cor., bears S 16.40 E. 16.92 chs. dist. from Cor. of Secs. 4, 5, 8 & 9.
16.92 chs. dist. Lat. 16.20 Dep. 4.87
Thence I run

South along E. bdy. of N. part of claim
7.00 Begin abrupt descent, along S. slope
12.00 Bottom of descent, enter rolling ground
18.10 Left bank Soup River, 80 lks. wide, course S.E.
20.00 Det temp. cor.

From the S.E. cor. of the Joshua G. Wilkinson T.C. claim I run
South along W. bdy.
Over level or rolling land
1.50 Begin ascent along N. face of bluffs
4.00 Top of ascent, 100 ft.
10.00 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
F. M. C. on N.E. face
Thence I run

East along S. bdy.
Over rolling land
12.00 Begin descent into canon
16.50 Bottom of descent, ascend
19.00 Top of ascent on N. face of ridge, thence over ridge
36.00 Begin descent from ridge
40.00 Deposit a charred stake 12 ins. in the ground

Claim lines of T. 2 N., R. 3 W.

Chains

for S.E. cor. of this claim, and S.W. cor. of Mahulda Amick's Orr. 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
F. M. C. on N. W. and
M. A. on N.E. faces
Thence I run

North bet. this claim and the Orr. claim of Stephen Sister, owned by Mahulda Amick
Descend gently over rolling ground
8.00 Bottom of descent, thence over wet rolling valley
18.25 As the cor. point will fall on a steep bank I deposit here a charred stake 12 ins. in the ground for witness cor. to the N.E. cor. of the S. part of claim, and the N.W. cor. of Mahulda Amick's 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 S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
W. C. F. M. C. on S.W. and
M. A. on S.E. faces
18.30 Right bank Soup River, 60 lks. wide on a curve, course S.E. from S.W.
20.00 Point for cor. falls on a steep bank
Thence I run

West along N. bdy. of the S. part of claim
Descend over very broken ground
16.50 Left bank Soup River 80 lks. wide, course S.E.
22.10 Right " " " 120 " " " N.E.
37.60 Left " " " 80 " " " S.E.
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for S.E. cor. of the N.

Claim lines of T. 24 N., R. 32 W.

Chains

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
F. M. C. on N. W. face
Land, rolling and broken
Soil, 1st and 3rd rate
September 30, 1896

Sec. No. 42

The Pre. claim of Stephen Lester on secs 9, and 10 owned by Mahulda Amick.
Area 160 Acres

The W. bdy. of claim is described in the notes of the survey of the Peter Hardy H.E. claim owned by Frederick M. Cudebec
From the S. W. cor. I run
East, along S. bdy. of claim
Ascend over rolling ground
25.75 Top of ascent on ridge 150 ft. above cor. descend very abruptly, along N.E. face of river bluff
27.40 Right bank Loup River course N. 80° E.
28.60 " " " " " N. 70° E.
30.00 Bottom of gulch or ravine, ascend abruptly
37.00 Top of ascent 100 ft. above river, on N. face of bluff
40.00 Gulch or ravine, descend
44.00 Top of ascent on sand peak 150 ft. above river thence along N. face of bluff, over ridges and ravines.
60.00 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 N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked
M. A. on N. W. face

Claim lines of T. 24 N., R. 32 W.

Chains

North along E. bdy. of the claim
Descend
3.00 Begin descent, along river bluff
9.38 Right bank Loup River course S. E.
11.40 " " " " " S. 10° W.
16.20 " " " " " E.
17.00 Left " " "
19.00 Ascend abruptly, along S. slope
20.00 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
M. A. on S. W. face
Thence I run

West along N. bdy.
Ascend along S. face of steep bluffs
30.00 Begin abrupt ascent.
50.00 Top of ascent, on S. face of bluff 150 ft. above river, thence along S. face of bluffs
56.40 Deposit a charred stake 12 ins. in the ground for witness cor. to the N. W. cor. of the claim which will fall on a steep bank, 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
W. C. on N. E.
M. A. on S. E. and
F. M. C. on S. W. faces
60.00 The N. W. cor. point on steep bank
The N. E. Cor. of claim, bears N. 80°45' E. 24.92 Chs. dist. from ¼ Cor. bet. Secs. 9 and 10. Lat. 4.00 Dep. 24.58
Land, rolling and broken.
Soil, sandy 1st and 3rd rate.

Claim lines of T. 24 N., R. 32 W.

Chains | Sec. No. 45

The T.C. claim of Bartel G. Neland on secs. 9, 10, and 15 Area 160 Acres

The N.W. cor. of claim is marked by the old cor. of secs. 9, 10, 15, and 16, which is a cedar stake with 4 notches on S. and 3 on E. edges
Thence I run
South along W. bdy.
Ascend gently over rolling ground
3.40 Intersect N. bdy. sec. 16 at a point 16.65 chs. N. 89°40' W. from the cor. of secs. 9, 10, 15, and 16
Deposit a charred stake 12 ins. in the ground for closing cor. of the W. bdy. dig pits 18×18×12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C.C. on N.
B.G.N. on E. and
N.S.L. on S. faces

From the N.W. cor. I run
East, along N. bdy. of the claim
Over rolling ground, along top of river bluffs
3.50 Begin descent into canon
10.00 Bottom of canon, bears N. and S. ascend
16.65 A point N. 3.50 chs. dist. from the cor. of secs. 9, 10, 15 and 16
20.00 Top of ascent, thence over ridges and ravines along top of bluffs
41.10 A point 20.70 chs. S. from the S.E. cor. of Mahulda Amick's claim, the E. bdy. of which claim marks the limit of the Hannah Edwards T.C. claim to the West. Deposit a charred stake 12 ins. in the ground for S.W. cor. of Hannah Edwards T.C. claim dig pits 18×18×12 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

Claim lines of T. 24 N., R. 32 W.

Chains

ins. sq. 12 ins. in the ground, marked
H.E. on N.E. face
44.00 Ridge. N. and S. descend
56.00 Bottom of descent in ravine, ascend
72.00 Top of ascent, descend
80.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of this claim, the S.E. cor. of Hannah Edwards T.C. claim, and the S.W. cor. of the T.C. claim of Franklin L. Woods, dig pits 18×18×12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
B.G.N. on S.W.
H.E. on N.W. and
T.L.W. on N.E. faces
This cor. bears N. 76°30' W. 16.92 chs. dist. from the cor. of secs. 10, 11, 14 and 15.
Lat 3.95 N., Dep. 16.45 chs W.
That part of the claim N. of Sec. 16, containing 5.74 ac. and being 16.65 chs. E. and W. therefore 160 − 5.74 = 154.26 balance of claim, and the N.E. cor. bearing N. 76°30' W. 16.92 chs. from corner of Secs. 10, 11, 14 and 15, making Dep. of 16.45 chs.; 80 − 16.45 = 63.55.; 154.26 ÷ 63.55 = 24.27 mean width of claim, thence I run.
South, along E. bdy.
Ascend over rolling ground
10.00 Top of ascent 40 ft. above cor. thence over low rolling hills
11.50 Trail, bears E. and W.
24.27 Deposit a charred stake 12 ins. in the ground for S.E. cor. of the claim, dig pits 18×18×12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
B.G.N. on N.W. face
Thence I run

Chains

West, along S. bdy.
Over low rolling hills, ascending
45.00 Top of ascent, descend
60.00 Bottom of descent, thence over rolling hills,
63.32 Intersect E. bdy. Sec. 16 S. 0°03' E. 20.77 chs. dist. from the cor. of secs. 9, 10, 15 and 16
Deposit a charred stake 12 ins. in the ground for closing cor. of the S. bdy. 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 E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C.C. on E.
B.G.N. on S. and
N.S.S. on N. faces
Land, low rolling hills
Soil, 3rd rate

Sec. No. 43

The T.C. claim of Hannah Edwards on Sec. 10
Area 160 acres

The S. bdy and part of the N. are described in the notes of the survey of B.G. McLand's T.C. claim
From the S.E. cor. I run
North bet. this claim, and the T.C. claim of Franklin S. Woods.
Descend along N. face of range
71.00 Enter blowing E. and N.
78.20 Right bank Soup River 60 lks. mide course S. 60° E.
31.30 Left " " " " S. 80° N.
37.70 Right " " " 80 " " " East
Ascend along st. slope of bluffs
40.00 Deposit a charred stake 12 ins in the ground for N.W. cor. of the T.S. Woods 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.S.W. on S.E. face
As the S. bdy. of this claim is 38.90 chs. the length must be 41.11 chs. in order to make the area correct.
41.11 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
H.E. on S.W. face
Thence 1 min

West along N. bdy.
Descend along S. slope
6.70 Left bank Soup River, 80 lks. mide course S.E.
Enter level land
11.20 Right bank, Soup River, course N.E. ascend along S. slope of range
22.00 Top of ascent, thence along S. face of bluffs
38.90 A point 4 lks. N. of the N.E. cor. of Mahulda Amick's 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
H.E. on S.E. face
Land, rolling and broken
Soil, 1st and 3rd rate

Sec. No. 44

The T.C. claim of Franklin S. Woods on secs. 10 and 11 Area 160 acres

The N. bdy. is described in the notes of the survey of Hannah Edwards T.C. claim

Claim lines of T. 24 N., R. 3 W.

Chains

From the N.W. cor. I run
East, along N. bdy. of the claim
Ascend along S.W. slope of bluffs
7.00 Top of ascent 200 ft. above river, thence along bluffs, over broken ground
11.00 Descend
14.70 Bottom of descent in canon, 50 ft. deep, ascend
35.00 Top of ascent, descend abruptly, along S.E. face of bluffs
40.00 Set trump cor

From the S.W. cor. I run
East, along S. bdy. of the claim
Over ridges, along N. face of bluffs
18.50 Trail, bears N. and S. descend
27.00 Ravine 50 ft. deep, ascend abruptly
33.00 Top of bluff, descend over rolling ground
40.00 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
T. L. N. on N.W. face
Thence I run

North, along E. bdy. of claim
Along E. face of bluffs
11.30 Descend along N. slope
16.00 Enter rolling land, E. and W.
21.00 Right bank, Soup River, 80 lks. wide course S. 70° E.
37.00 Ascend abruptly, along S.E. face of bluff
40.00 The trump. cor. where I 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.

Claim lines of T. 24 N., R. 3 W.

Chains

sq. 12 ins. in the ground, marked
T. L. N. on S.W. face
Woods house bears S. 31° 30' W.
Land, rolling and broken
Soil, sandy 1st and 3rd rate
October 1, 1896

Sec. 1 No. 46

The H.E. claim of Charles Sattelee on secs. 12 and 13 Area 160 Acres

Point is shown as middle point on N. side of the W. part of claim
From his point I run
South along W. bdy.
Over rolling land
5.80 Trail, bears S. 60° E.
8.00 Ascend abruptly, along N. slope of bluffs
14.00 Top of ascent, 200 ft. above river, thence over rolling ground
20.00 Deposit a charred stake 12 ins. in the ground for S.W. cor. 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
C.S. on N.E. face
Thence I run

East, along S. bdy. over broken ground along top of range
27.00 Begin descent along N.E. face of bluff
44.00 Bottom of descent, ascend along N. slope of ridge
56.00 Ridge 40 ft. high, descend
60.00 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

Claim lines of T. 24 N. R. 3 W.

Chains

In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C.S. on N. N. face
Thence I run

North bet. this claim and the Pre. claim of Henry Gordon, owned by Stull Brothers
Descend gently over rolling ground
3.80 Trail, bears E. and W.
10.20 Right bank Soup River, 100 lks. wide course S. 80° E.
Ascend abruptly
20.00 Deposit a charred stake 12 ins. in the ground for N.E. cor. of claim, and N.W. cor. of Henry Gordon Pre. claim owned by Stull Brothers
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
C.S. on S.W. and
S.B. on S.E. faces
This cor. bears S. 86° 28' W. 17.06 chs. dist. from the cor. of secs. 7, 17, 13, and 18
Lat. 1.05 S., Dep. 17.03 chs W.
Thence I run

West along N. bdy.
Over ridges and ravines, along S. slope of range
30.00 Begin descent, along S.W. slope
40.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of the E. part of claim, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C.S. on S.E face

Claim lines of T. 24 N., R. 3 W.

Chains

North, along E. bdy. of N. part of claim
Ascend gradually
7.00 Top of ascent 100 ft. above river, thence over rolling ground, along top of bluffs
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. 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
C.S. on S.W. face
Thence I run

West, along N. bdy. of the N. part of claim
Over rolling ground
16.00 Descend along S.W. slope
20.00 Set trump. cor.

From the point of beginning I run
North, along W. bdy. of the claim
Over rolling valley land
6.20 Right bank Soup River, 80 lks. wide course N.E.
16.00 Begin abrupt ascent, along S. slope
20.00 The trump. cor. where I deposit a charred stake 12 ins. in the ground for N.W. cor of claim, dig pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked
C.S. on S.E. face
Land, rolling and broken
Soil, sandy 1st and 3rd rate
October 2, 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

.....

.....

6—151

General Land Office • Original Field Notes

Book Number

776

W.W. Alt Subdivision of T 24 N - R 32 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.