General Land Office • Original Field Notes

Book Number

777

W.W. Alt Subdivision of T 24 N - R 33 W

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

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

Duplicate

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

Received by letter "E." Feb 25th 1898. (4—679.) 64

FIELD NOTES

OF THE SURVEY OF

Subdivision and Claim Lines

of

Township No. 24 N., Range 33 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 July 6, 1896.

Survey completed July 15, 1896.

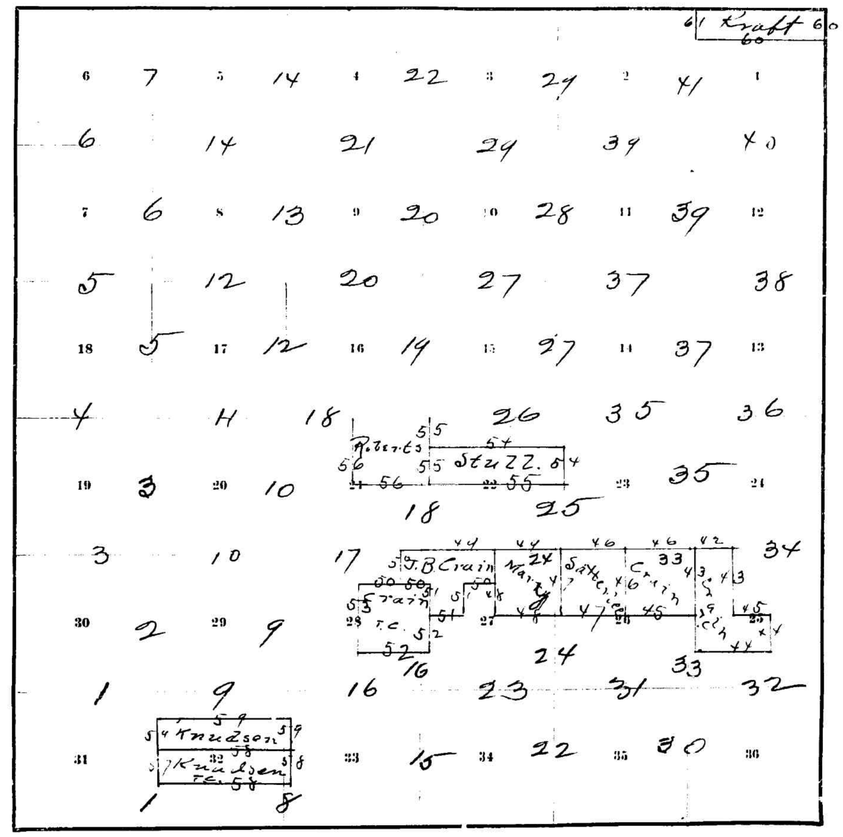
(1319—2,500.)

Names and Duties of Assistants.

Sidney Dent, Chainman
Frank M. Drach, Chainman
Fred D. Stratton, Flagman.
Harry P. Knapp, Mounduman.
Albert Niemoth, Mounduman.

INDEX DIAGRAM.

Township 24 N. . Range 33 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. 33 W.

Chains

The directions of all the initial meridional sec. lines of this Tp. are referred to the tangent which was ranged out and left marked, on S. bdy.

N. 0°01' E. bet. secs. 31 and 32.
Ascend over broken ground.
8.00 Top of ascent on range, 75 ft.: descend gradually along a slope.
25.15 Wire fence; bears N. 80° W.
30.00 Enter valley:
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.
52.00 Foot of bluffs: bear N. 70° E.: ascend.
73.00 Top of ascent 100 ft.: thence over rolling ground.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 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 NE.
R 33 W S 32, on SE.
S 31, on SW. and
S 30, on NW. faces, with 1 notch on S. and W. edges.
Land broken.
Soil sandy; 3rd rate.

Met on a random line bet. secs. 30 and 31.
40.00 Set temp. ¼ sec. cor.
80.08 Intersect N. bdy. of Tp. 7 lks. S. of the cor. of secs. 25, 30, 31, and 36.

Chains.

Thence I run
S. 89°57' E. on true line bet. secs. 30 and 31.
Over rolling foot hills, along N. slope.
35.00 Begin ascent along W. slope.
40.04 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 N. face.
72.00 Top of ascent, 100 ft.; thence over rolling ground along top of range.
80.08 The cor. of secs. 29, 30, 31, and 32.
Land, broken.
Soil, sandy; 3rd rate.

N. 0°01' E. bet. secs. 29 and 30.
Across top of ridge, bearing E. and W.
3.00 Begin descent along N. face.
25.00 Pass; bears E. and W.; ascend.
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.
56.00 Top of ascent; descend.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 19, 20, 29, and 30; 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 SE. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T 24 N S 20, on NE.
R 33 W S 29, on SE.
S. 30, on NW., and

Chains.

S 19, on NW. faces, with 2 notches on S. and 1 notch on W. edges.
Land, broken.
Soil, sandy; 3rd rate.

N. 89°57' W. on a random line bet. secs. 19 and 30.
40.00 Set temp. ¼ sec. cor.
79.90 Intersect W. bdy. of Tp. 16 lks. S. of the cor. of secs. 19, 24, 25, and 30.
Thence I run
S. 89°50' E. on true line bet. secs. 19 and 30.
Ascend.
19.00 Summit; descend.
39.95 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 N. face.
Ascend
75.00 Summit; begin descent.
79.90 The cor. of secs. 19, 20, 29, and 30.
Land, broken.
Soil, sandy; 3rd rate.

N. 0°01' E. bet. secs. 19 and 20.
In easy hills.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on W. face.
58.00 Enter bottom.
59.00 Trail to Mullen; bears N. 80° E.
60.96 Center of track, Burlington and Missouri River

Chains.

railroad; bears N. 82°07' E., and reverse. curves to left. about 500 ft. west of line.

61.67 Telegraph line. bears S. 82°07' W.

69.00 Begin ascent. along S. slope.

78.00 Summit: descend abruptly.

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. 17. 18. 19. and 20. marked

T 24 N S 17. on NE.

R 33 W S 20. on SE.

S 19. on SW. and

S 18. on NW. faces. with 3 notches on S. and 1 notch on W. edges.: dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. W. of cor.

Land. rolling.

Soil. sandy: 3rd rate.

N. 89°50' W. on a random line bet. secs. 18 and 19.

40.00 Set temp. ¼ sec. cor.

80.28 Intersect W. bdy. of Tp. 21 lks. N. of the cor. of secs. 13. 18. 19. and 24.

Thence I run

S. 89°57' E. on true line bet. secs. 18 and 19.

Ascend.

16.00 Top of ascent: descend.

40.14 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

½ S. on N. face.

Ascend.

54.00 Top of ascent: descend

80.28 The cor. of secs. 17. 18. 19. and 20.

Land. broken.

Soil. sandy; 3rd rate.

Chains.

N. 0°01' E. bet. secs. 17 and 18.

20.00 Enter low hills.

24.60 Trail. bears N. 30° 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

½ S. on W. face.

41.00 Trail: bears N. 20° E.

57.20 Same trail. " N. 20° W.

80.00 Deposit a charred stake 12 ins. in the 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. 4 ft. base, 2 ft. high. over deposit.

In SE. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked

T 24 N S 8. on NE.

R 33 W S 17. on SE.

S 18. on NW. and

S 7. on NW. faces. with 4 notches on S. and 1 notch on W. edges.

Land. rolling.

Soil. sandy; 3rd rate.

N. 89°59' W. on a random line bet. secs. 7 & 18.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect W. bdy. of Tp. 30 lks. N. of the cor. of secs. 7. 12. 13. and 18.

Thence I run

N. 89°48' E. on true line bet. secs 7 and 18.

Descend moderately.

2.00 Bottom of descent; ascend.

24.00 Summit; descend moderately.

39.95 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.

Chains.

In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked ¼ S. on N. face.

63.40 Trail; bears NW. and SE.

79.90 The cor. of secs. 7. 8. 17. and 18.

Land. rolling.

Soil. sandy; 3rd rate

N. 0°01' E. bet. secs. 7 and 8.

1.00 Foot of hill; ascend abruptly.

3.00 Top of ascent; thence over moderate hills.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.

In S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked ¼ S. on W. face.

47.00 Summit.

59.00 Begin moderate descent.

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

T24N S5. on NE.

R33W S8. on SE.

S7. on SW. and

S6. on NW. faces. with 5 notches on S. and 1 notch on W. edges.

Land. rolling.

Soil. sandy; 3rd rate

S. 89°48' W. on a random line bet. secs. 6 & 7.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect W. bdy. of Tp. 8 lks. S. of the cor. of secs. 1. 6. 7. and 12.

Chains.

Thence I run N. 89°52' E. on true line bet. secs. 6 and 7.

In moderate hills: ascend.

24.00 Top of ascent.

27.50 Begin descent, along E. slope.

39.95 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 N. face.

51.00 Trail, at foot of slope; bears N. and S.

79.90 The cor. of secs. 5. 6. 7. and 8.

Land. broken.

Soil. sandy; 3rd rate

July 6, 1896.

N. 0°01' E. bet. secs. 5 and 6.

Ascend over moderate hills.

10.00 Top of hill, descend along N. slope.

20.40 Trail at foot of slope, bears N. 80° 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.

83.92 Intersect 6th Standard Parallel N. 89°24' W. 13.10 chs. from the ¼ sec. cor. on S. bdy. sec. 33.

Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 5 and 6: 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

CC T24N R33W. on S.

Chains.

S 5. on E. and
S 6. on W. faces. with 5 grooves on E.
and 1 groove on W. faces.
Land. rolling.
Soil. sandy: 3rd rate.

July 11, 1896.

N. 0°02' E. bet. secs. 32 and 33.
Across ridge, bearing E. and W.: ascend.
3.00 Summit: begin descent of N. face.
25.00 Bottom of descent.
35.25 Enter cultivated field.
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.
Peter Knudsen's house bears N. 61° 56' W.
56.30 Leave plowed field: ascend S. slope.
73.00 Top of ascent.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 28. 29. 32. and 33: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 24 N S 28. on NE.
R 33 W S 33. on SE.
S 32. on SW. and
S 29. on NW. faces. with 1 notch on S.
and 2 notches on W. edges.
Land. rolling.
Soil. sandy: 2nd & 3rd rate.

Chains.

West. on a random line bet. secs. 29 and 32.
40.00 Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line at the cor. of secs. 29. 30. 31. and 32.
Thence 2 mm
East. on true line bet. secs. 29 and 32.
Along top of ridge bearing E & W.: ascend.
4.00 Summit: descend moderately.
40.00 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 N. face.
76.49 Wire fence: bears S. 10° E. and reverse.
80.00 The cor. of secs. 28. 29. 32. and 33.
Land. broken.
Soil. sandy: 3rd rate.

N. 0°02' E. bet. secs. 28 and 29.
Across top of ridge, bearing E and W. descend N. slope.
8.25 Wire fence: bears NE. and SW.
18.60 Bottom of descent: enter abandoned plowed field.
28.50 Leave plowed field.
30.00 Ascend S. slope.
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.
77.00 Top of ascent.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 20. 21. 28. and 29: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth. 4 ft. base 2 ft. high. over deposit.

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 21. on NE.
R 33 W S 28. on SE.
S 29. on SW. and
S 20. on NW. faces. with 2 notches on S. and W. edges.
Land. broken.
Soil. sandy; 3rd rate.

West. on a random line bet. secs. 20 and 29.
40.00 Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line 30 lks N. of the cor. of secs. 19. 20. 29. and 30.
Thence I run
N. 89° 47' E. on true line bet. secs. 20 and 29.
Ascend gradually.
24.00 Summit: descend along NW. slope.
38.00 Bottom of descent.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S, on N. face.
42.64 Wire fence; bears NE. and SW.; ascend.
66.00 Top of ascent.
80.00 The cor. of secs. 20. 21. 28. and 29.
Land. broken.
Soil. sandy; 3rd rate.

N. 0° 02' E. bet. secs. 20 and 21.
Along W. slope: ascend.
23.00 Summit: descend along N. face.
27.64 Wire fence: bears SW. and E.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 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
¼ S, on W. face.
45.00 Enter abandoned plowed field: extends 5 chs. E.
65.00 Leave " " " Bottom of descent.
70.70 Trail to Mullen. N. 80° E.
71.88 Center of tract, Burlington and Missouri River railroad: bears N. 82° 07' E. and reverse.
72.58 Telegraph line " " begin moderate ascent.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 16, 17. 20. and 21: 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 16. on NE.
R 33 W S 21. on SE.
S 20. on SW. and
S 17. on NW. faces. with 3 notches on S. and 2 on W. edges.
Land. rolling.
Soil. sandy; 3rd rate.

S. 89° 47' W. on a random line bet. secs. 17 & 20.
40.00 Set temp. ¼ sec. cor.
80.08 Intersect N. and S. line 22 lks S. of the cor. of secs. 17. 18. 19. and 20.
Thence I run
N. 89° 56' E. on true line bet. secs. 17 and 20.
Descend.
2.10 Old trail, at bottom of descent, bears N. & S.: ascend.
37.00 Top of ascent: thence over ridge.
40.04 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½

Chains.

ft. base, 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S. on N. face.

44.00 Begin descent, along S.E. slope.

80.08 The cor. of secs. 16. 17. 20. and 21.
Land. broken.
Soil. sandy; 3rd rate.

N. 0°02' E. bet. secs. 16 and 17.
Ascend S. slope of ridge.

20.00 Top of ascent.

26.00 Begin descent, along N.E. slope.

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.

55.00 Bottom of descent: ascend moderately.

67.00 Top of ridge. descend N. slope.

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 NE.
R 33 W S 16. on SE.
S 17. on SW. and
S 8. on NW. faces. with 4 notches on S. and 2 on W. edges.
Land. rolling.
Soil. sandy; 3rd rate.

S. 89°56' W. on a random line bet. secs. 8 and 17.

40.00 Set temp. ¼ sec. cor.

Chains.

79.98 Intersect N. and S. line 16 lks. S. of the cor. of secs. 7. 8. 17. and 18.
Thence I run
S. 89°57' E. on true line bet. secs. 8 and 17.
Over rolling hills.

39.99 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 a cedar stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S. on N. face.

66.00 Begin ascent.

71.00 Top of ridge: descend.

79.98 The cor. of secs. 8. 9. 16. and 17.
Land. rolling.
Soil. sandy; 3rd rate.

N. 0°02' E. bet. secs. 8. and 9.
Over low chop-hills.

33.00 Foot of hill: ascend.

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 a cedar stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S. on W. face.

56.00 Top of ascent.

64.00 Descend N. slope.

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 NE.
R 33 W S 9. on SE.

Chains.

S 8. on SW. and
S 5. on NW. faces. with 5 notches on S.
and 2 on W. edges.
Land. rolling.
Soil. sandy; 3rd rate.

N. 89° 57' W. on a random line bet. secs. 5 and 8.
40.00 Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line 4 lks. S. of the cor. of secs. 5. 6. 7. and 8.
Thence I run
S. 89° 55' E. on true line bet. secs. 5 and 8.
Ascend gradually, over irregular hills.
[illegible]9.00 Top of ascent: Begin gradual descent of N.E. slope.
40.00 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 N. face.
60.00 Bottom of descent; ascend.
69.00 Top of ascent, descend to cor.
80.00 The cor. of secs. 4. 5. 8. and 9.
Land. rolling.
Soil. sandy; 3rd rate.

July 7, 1896.

N. 0° 02' E. bet. secs. 4 and 5.
Over undulating ground.
12.80 Trail: bears N. 80° W. reverse.
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.

Chains.

Enter rough chop-hills.
5[illegible].00 Summit: descend gradually.
8 3.05 Intersect 6th Standard Parallel. N. 89° 20' W. 14.58 chs. from the witness cor. to the ¼ sec. cor on S. bdy. of sec 34.
Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground. for closing cor. of secs. 4 and 5. marked
CC T 24 N R 33 W. on S.
S 4. on E. and
S 5. on W. faces. with
4 grooves on E. and 2 on W. faces: dig pits 24x18x12 ins. crosswise on each line. E. and W. 3 ft. and S. of post 7 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. S. of cor.
Land. broken.
Soil. sandy; 3rd rate.

N. 0° 03' E. bet. secs. 33 and 34.
Descend along N. slope.
13.78 Wire fence: E. and W.
19.30 Trail: bears E. and W.
19.40 Enter plowed field. E. & W.: at bottom of descent.
24.40 Leave " "
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.
60.00 Foot of bluff: E. and W; ascend
65.00 Top of bluff, 40 ft. high: ascend gradually along S. face.
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. 27. 28. 33. and 34. marked
T 24 N S 27. on NE.

Chains.

R 33 W S 34. on NE.
S 33. on SW. and
S 28. on NW. faces. with 1 notch on S. and 3 notches on W. edges; dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth. 4 ft. base 2 ft high W. of cor.
Land. broken.
Soil. sandy; 3rd rate.

West. on a random line bet. secs. 28 and 33.
40.00 Set temp. ¼ sec. cor.
80.05 Intersect N. and S. line at the cor. of secs. 28. 29. 32 and 33.
Thence I run
East. on true line bet. secs. 28. and 33.
Ascend over very broken sand bluffs.
7.00 Sand bluff 75 ft. high: descend.
17.80 Foot bears N. and S. at bottom of descent: ascend over rolling ground. ridges and ravines.
40.02 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18 x 18 x 12 ins. E. and N. of cor. 4 ft. dist. and raise a mound of earth. 3½ ft. base 1½ ft. high. over deposit. In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
52.00 Top of ascent: thence over rolling ground along S. face of range.
80.05 The cor. of secs. 27. 28. 33. and 34.
Land. broken.
Soil. sandy; 3rd rate.

N. 0°03' E. bet. secs. 27. and 28.
Across top of range; E and W.
4.00 Begin descent along N. slope.
22.60 Enter cultivated field.
27.70 Leave " "

Chains.
28.00 Wire fence; bears E. and W.: enter bottom land.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ 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
¼ S., on W. face:
50.50 J. B. Crains house bears N. 37°25' E.
66.00 Leave bottom: ascend abruptly along S. slope of ridge.
78.00 Top of ascent.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 21. 22. 27. and 28. 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 22. on NE.
R 33 W S 27. on SE.
S 28. on SW. and
S 21. on NW. faces. with 2 notches on S. and 3 on W. edges.
Land. broken hills. and dry bottom.
Soil. sandy. 2nd and 3rd rate.

West. on a random line bet. secs. 21 and 28.
40.00 Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line 28 lks. S. of the cor. of secs. 20. 21. 28. and 29.
Thence I run
S. 89°48' E. on true line bet. secs. 21 and 28.
Along top of range; ascend.
6.00 Top of ascent.
29.00 Begin descent.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 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 ¼ S. on N. face

80.00 The cor. of secs. 21. 22. 27. and 28.
Land. broken.
Soil. sandy; 3rd rate.

N. 0°03' E. bet. secs. 21 and 22.
Across ridge: ascend.
11.00 Top of ascent.
27.00 Begin descent along N. slope.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. N. 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 N. face.
55.00 Bottom of descent: enter rolling ground.
80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground. for cor. of secs. 15. 16. 21. and 22: marked
T 24 N S 15. on NE.
R 33 W S 22. on SE.
S 21. on SW. and
S 16. on NW. faces with 3 notches on S. and W. edges: dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land. rolling and broken.
Soil. sandy; 3rd rate.

N. 89°48' W. on a random line bet. secs. 16 & 21.
40.00 Set temp. ¼ sec. cor.
79.96 Intersect N. and S. line. 18 lks. N. of the cor. of secs. 16. 17. 20. and 21.

Chains.

Thence I run
S. 89°56' E. on true line bet. secs. 16 and 21.
Over rolling ground.
20.00 Ascend point of ridge.
24.00 Top of ascent. on S. slope: descend
30.00 Bottom of descent: enter rolling ground.
39.98 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. E. & W. of cor. 4 ft. dist. 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 N. face.
53.40 Telegraph line. bears N. 82°07' E.
58.18 Center of track. Burlington and Missouri River railroad: bears N. 82°07' E. & reverse.
65.00 Trail. Hecla to Mullen: bears S. 80° W.
79.96 The cor. of secs. 15, 16. 21. and 22.
Land. rolling.
Soil. sandy; 3rd rate

N. 0°03' E. bet. secs. 15 and 16.
1.85 Trail to Mullen: bears N. 80° E.
3.07 Center of track. Burlington and Missouri River railroad; bears N. 82°07' E. and reverse.
3.76 Telegraph line "
8.00 Begin abrupt ascent along S. slope.
18.00 Top of bluff.
27.00 Begin descent along NE. slope.
40.00 Deposit a charred stake 12 ins in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. N. 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.
57.00 Cars: E. and W.: ascend moderately.
76.00 Top of ascent: descend gradually.
80.00 Deposit a charred stake 12 ins. in the ground

Chains.

for cor. of secs. 9. 10. 15. and 16; 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 10. on NE.
R 33 W S 15. on SE.
S 16. on SW. and
S 9. on NW. faces. with 4 notches on S. and 3 on W. edges.
Land, broken.
Soil, sandy; 3rd rate.

N. 89°56' W. on a random line bet. secs. 9 & 16.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect N. and S. line 18 lks. S. of the cor. of secs. 8. 9. 16. and 17.
Thence I run
S. 89°48' E. on true line bet. secs. 9 and 16.
Over rolling ground; gradual descent.
24.00 Begin gradual ascent, from pass: N & S.
40.05 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. E. & W. of cor. 4 ft. dist. 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 N. face.
58.00 Top of ascent; thence along ridge.
71.00 Descend along E. slope.
80.10 The cor. of secs. 9. 10. 15. and 16.
Land, broken.
Soil, sandy; 3rd rate.

N. 0°53' E. bet. secs. 9 and 10.
Over rolling hills.
17.00 Pass: bears E. & W.: ascend

Chains.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ 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
¼ S., on W. face.
This cor. is on summit of hill.
43.00 Begin descent.
74.85 Trail: bears NW. and SE.
80.00 Set an oak post 3 ft. long. 4 ins. sq. with a charred stake 24 ins. in the ground, for cor. of secs. 3. 4. 9. and 10. marked
T 24 N S 3. on NE.
R 33 W S 10. on SE.
S 9. on SW. and
S 4. on NW. faces. with 5 notches on S. and 3 on W. edges: dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land, rolling.
Soil, sandy; 3rd rate.

The cor. of secs. 4. 5. 8. and 9. being visible. I run for said cor.
N. 89°53' W. on a random line bet. secs. 4 and 9.
40.00 Set temp. ¼ sec. cor.
80.03 Intersect N. and S. line at the cor. of secs. 4. 5. 8. & 9.
Thence I run
S. 89°53' E. on true line bet. secs. 4 and 9.
Over rolling ground.
24.93 Trail: bears NW. and SE.
40.01 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.
80.03 The cor. of secs. 3. 4. 9. and 10.
Land, rolling.
Soil, sandy; 3rd rate. July 8, 1896.

Chains.

N. 0°03' E. bet. secs. 3 and 4.
In low choppy hills.

38.00 Begin gradual descent.

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.

69.40 Trail: bears E. and W.

72.00 Edge of canon 60 ft. deep, opening into Loup river to the N., Descend abruptly.

82.53 Intersect 6th Standard Parallel. N. 89°22' W. 10.94 chs. dist. from the ¼ sec. cor. on S. bdy sec. 35.
Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 3 and 4: dig pits 24x18x12 ins. crosswise on each line. E. W., and S. of cor. 4 ft. dist and raise a mound of earth 4 ft. base 2 ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C C T 24 N R 33 W, on S.
S 3. on E. and
S 4. on W. faces, with 3 grooves on E. and W. faces.
Land. broken.
Soil. sandy 3rd rate.

July 11, 1896.

N. 0°04' E. bet. secs. 34 and 35.
Along top of range.

20.00 Begin descent over rolling ground. sloping to NW.

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.

Chains.

47.00 Enter E. end of rolling valley.

51.00 Trail: bears N. 40° E.

72.00 Begin ascent, over rolling ground.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 26. 27. 34. and 35. dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth, 4 ft. base 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
T 24 N S 26. on NE.
R 33 W S 35. on SE.
S 34 on SW. and
S 27. on NW. faces. with 1 notch on E. and 4 notches on W. edges.
Land. broken.
Soil. sandy: 3rd rate.

West. on a random line bet. secs. 27 and 34.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line at the cor. of secs. 27. 28. 33. and 34.
Thence I run
East. on true line, bet. secs. 27 and 34.
Over rolling ground. along top of range.

9.00 Begin gentle descent. along S. face.

34.00 Sand bluff, or peak: descend over broken ground.

40.03 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 N. face.

59.90 Trail, at bottom of descent: bears N. 10° E.: thence ascend over low foot hills.

Chains.

80.06 The cor. of secs. 26. 27. 34. and 35.
Land, broken.
Soil, sandy; 3rd rate.

N. 0°04' E. bet. secs. 26 and 27.
Ascend gradually.
10.00 Top of ascent, 40 ft.; descend gradually, along N. slope.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S, on W. face.
45.00 Enter rolling valley.
70.00 Trail: bears N. 70° W.
73.51 Wire fence; bears E. and W.; ascend gradually.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 22. 23. 26. and 27: 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 23. on NE.
R 33 W S 26. on SE.
S 27. on SW, and
S 22. on NW. faces. with 2 notches on S. and 4 on W. edges.
Garretts sod house bears S. 77° W.
Land, rolling.
Soil, sandy; 3rd rate.

West, on a random line bet. secs. 22 and 27.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect N. and S. line 26 lks. N. of the cor. of secs. 21. 22. 27 and 28.

Chains.

Thence I run
N. 89° 49' E. on true line bet. secs. 22 & 27.
Along S. face of range.
4.00 Begin descent along S.E. slope.
18.70 Trail: bears NE. and SW.
20.00 Bottom of descent; thence over rolling land along N. edge of valley.
25.00 Enter plowed field; extends N. 1 ch. & S. 30 chs.
40.05 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 N. face.
42.00 Leave plowed field.
43.60 School house; bears S. 1.25 chs. dist.
64.90 Trail: bears N. 10° W.
68.60 George Nary's sod house bears S.
69.50 Wire fence; N. & S.; ascend gently, along S. slope.
80.10 The cor. of secs. 22. 23. 26. and 27.
Land, rolling.
Soil, sandy; 2nd and 3rd rate.

N. 0°04' E. bet. secs. 22 and 23.
Ascend gradually, along S. slope.
10.00 Top of ascent, 50 ft.; thence over low sand bluffs, and ridges.
20.00 Descend over rolling ground.
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.
65.68 Wire fence; bears E. and W.
77.00 Trail, Mullen to Whitman, parallel to railroad at bottom of descent; thence over rolling ground.

Chains

80.00 Cor. point falls on railroad right of way. Deposit a charred stake 24 ins. in the ground, for cor. of secs. 14. 15. 22. and 23. The railroad bears S. 78°06' E. and is 35 lks. from the cor. point, therefore S. 11°54' W. 41 lks. dist from the cor. point. I deposit a charred stake 12 ins. in the ground, and N. 11°54' E. 111 lks. dist. deposit 3 pieces of coal 12 ins. in the ground for witness cors. to the cor. of secs. 14. 15. 22. and 23: dig pits 18x18x12 ins. NE., SE., NW. and SW. of cors. 4 ft. dist. and raise mounds of earth 4 ft. base 2 ft. high, over deposits.

In S.E. pits, drive oak stakes 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

WCT24NS14. on NE.

R33WS23. on SE.

S22. on SW. and

S15. on NW. faces. with 3 notches on S. and 4. on W. edges.

Land, broken.

Soil, sandy; 3rd rate.

S. 89°49' W. on a random line bet. secs. 15 & 22.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line 8 lks. S. of the cor. of secs. 15. 16. 21. and 22.

Thence I run

N. 89°53' E. on true line bet. secs. 15 and 22.

Ascend moderately.

40.00 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 N. face.

Descend gradually.

66.00 Trail to Mullen: bears S. 80° E.

Chains.

80.00 The cor. of secs. 14. 15. 22. and 23.

Land, rolling.

Soil, sandy; 3rd rate.

N. 0°04' E. bet. secs. 14 and 15.

Ascend moderately.

0.35 Center of track. Burlington and Missouri River railroad: bears N. 78°06' W. and reverse.

22.00 Top of ascent. thence across top of range. bearing E. and W.

37.00 Begin descent.

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.

70.00 Bottom of descent: ascend gradually.

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

T24NS11. on NE.

R33WS14. on SE.

S15. on SW. and

S10. on NW. faces. with 4 notches on S. and W. edges.

Land, broken.

Soil, sandy; 3rd rate

S. 89°53' W. on a random line bet. secs. 10 & 15.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line 24 lks. N. of the cor. of secs. 9. 10. 15. and 16.

Chains

Thence I run
N. 89°43' E. on true line bet. secs. 10 and 15.
Descend gradually.
30.00 Bottom of descent: ascend.
39.50 Top of low hill, in pass N.W.S.: descend.
39.98 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 N. face.
43.00 Bottom of descent: ascend W. slope.
60.00 Top of ascent: descend to cor. on N. slope.
79.96 The cor. of secs. 10, 11, 14, and 15.
Land, rolling.
Soil, sandy: 3rd rate.

N. 0°04' E. bet. secs. 10 and 11.
Ascend.
13.00 Top of ascent: thence over summit.
18.00 Begin descent.
30.00 Bottom of descent: ascend moderately.
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.
41.00 Begin gradual descent to N.
66.60 Mullen Trail: bears S. 80° E.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 2, 3, 10, and 11: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 24 N. S 2, on NE.

Chains

R 33 W S 11, on SE.
S 10, on SW. and
S 3, on NW. faces. with 5 notches on S. and 4 on W. edges.
Land, rolling.
Soil, sandy: 3rd rate.

S. 89°43' W. on a random line bet. secs. 3 & 10.
40.00 Set temp. ¼ sec. cor.
50.05 Intersect N. and S. line 4 lks. S. of the cor. of secs. 3, 4, 9, and 10.
Thence I run
N. 89°45' E. on true line bet. secs. 3 and 10.
Ascend.
24.00 Top of ascent: descend along S.E. slope.
40.02 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 N. face.
52.00 Trail: bears N. and S. - at bottom of descent.
54.00 Ascend moderately, along SW. slope.
66.00 Top of ascent: descend along S.E. slope.
80.05 The cor. of secs. 2, 3, 10, and 11.
Land, rolling.
Soil, sandy: 3rd rate.

July 9, 1896.

N. 0°04' E. bet. secs. 2 and 3.
Ascend moderately.
19.00 Top of ascent: thence along top of ridge.
30.00 Begin descent of N. slope towards Loup river.
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 4 ft. base 2 ft. high. over deposit.

Chains.

In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on W. face.

60.00 Edge of bluffs; descend.

71.92 Right bank Loup river. 47 lks. wide, 20 ins. deep. rapid current; clear water; course East.

73.37 Loup river; 50 lks. wide. 20 ins. deep; course SW.

74.20 " " " " " East.

77.00 Foot of bluff; ascend abruptly.

81.30 Intersect 6th Standard Parallel. N. 89°25' W. 10.40 chs. dist. from the witness cor. to the ¼ sec. cor. on S. bdy. sec. 36.

Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 2 and 3: dig pits 24 X 18 X 12 ins. crosswise on each line. E. W. and S. of cor. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
CCT 24 N R 33 W., on S.
S 2, on E. and
S 3. on W. faces. with 2 grooves on E. and 4 on W. faces.

Land. broken.

Soil. 3rd rate.

A few small cedars on bluffs: and scattering underbrush.

July 11, 1896.

N. 0°05' E. bet. secs. 35 and 36.

Over rolling ground, along W. face of low hills.

8.00 Begin descent, along N. slope.

32.00 Enter plowed field: extends 5 chs W. and 10 E.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ 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
¼ S., on W. face.

Chains.

46.00 Leave plowed land.

58.00 Enter basin like bottom. NE. and SW.

63.70 Trail to Mullen: bears N. 20° E: ascend along S.E. slope.

75.00 Top of ascent, 50 ft.: thence over rolling land along E. face of range.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 25. 26. 35. and 36: dig pits 18 X 18 X 12 ins. in each sec. 4 ft. dist. and raise a mound of earth. 4 ft. base 2 ft. high. over deposit.

In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 24 N S 25. on NE.
R 33 W S 36. on SE.
S 35. on SW. and
S 26. on NW. faces. with 1 notch on S. and. 5 notches on N. edges.

Land. rolling.

Soil. sandy: 3rd rate.

West. on a random line bet. secs. 26 and 35.

40.00 Set temp. ¼ sec. cor.

80.20 Intersect N. and S. line 16 lks. N. of the cor. of secs. 26. 27. 34. and 35.

Thence I run
N. 89°53' E. on true line bet. secs. 26 and 35.

Descend gently along S.E. slope of low hills.

17.70 Trail. at bottom of descent: bears N. 20° W. ascend along NW. slope.

40.10 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.

56.00 Top of ascent, 75 ft.: thence. descend gently over rolling ground.

Chains.

72.00 Begin descent, along E. slope.

80.20 The cor. of secs. 25. 26. 35. and 36.

Land, broken.

Soil, sandy; 3rd rate.

East, on true line bet. secs. 25 and 36.

1.00 Begin descent along E. slope.

7.40 Trail, at bottom of descent; bears N. and S.

ascend over rolling ground.

18.00 Top of ascent, 50 ft.; thence over rolling ground sloping gently to North.

28.60 Wire fence; bears N. 80° W.

40.00 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 N. face.

81.80 Wire fence; bears N. 85° E.

83.14 Intersect 4th Guide Meridian 6.96 chs. N. of the old cor. of secs. 25. 30. 31. and 36. which post I invert, and mark

T 24 N S 30. on NE. and

R 33 W S 31. on SE. faces, with 1 notch on S. and 5 notches on N. edges.

Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 25 and 36; dig pits 24 x18x12 ins. crosswise on each line, N.W. and S. of cor. 4 ft. dist. and raise a mound of earth 4 ft. base 2 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 T 24 N R 33 W, on W.

S 36. on S. and

S 25. on N. faces, with 1 groove on S. and 5 grooves on N. faces.

Land, broken.

Soil, sandy; 3rd rate.

Chains.

N. 0° 05' E. bet. secs. 25 and 26.

Over broken land, along E. face of hills.

20.00 Begin descent, over rolling ground.

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.

Crain's house bears N. 47° E.

43.00 Enter rolling land.

46.30 Trail; bears E. and W.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 23. 24. 25. and 26; dig pits 18 x18x12 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 NE.

R 33 W S 25. on SE.

S 26. on SW. and

S 23. on NW. faces, with 2 notches on S. and 5 on W. edges.

Land, rolling.

Soil, sandy; 3rd rate.

S. 89° 53' W. on a random line bet. secs. 23 & 26.

40.00 Set temp. ¼ sec. cor.

80.12 Intersect N. & S. line 16 lks. S. of the cor. of secs. 22. 23. 26. and 27.

Thence I run

East, on true line bet. secs. 23 and 26.

Over rolling ground, along S. slope of range.

40.06 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

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

Chains.

In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S., on N. face.

80.12 The cor. of secs. 22. 23. 26. and 27.
Land. rolling.
Soil. sandy: 3rd rate.

East. on true line bet. secs. 24 and 25.
In moderate hills.

7.50 Trail to Mullen: ascend.

13.00 Top of low hill: descend gradually.

40.00 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 N. face.

70.70 Mullen Trail: bears NE. and SW.

84.91 Intersect 4th Guide Meridian ~~5.70~~ 6.70 chs. N. of the old cor. of secs. 19. 24. 25. and 30: which post I invert, and mark
T24N S19. on NE. and
R32W S30. on SE. faces. with 2 notches on S and 4 on N. edges.
Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 24 and 25: dig pits 24x18x12 ins. crosswise on each line. N. W. and S. of cor. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
CCT24N R33W. on W.
S25. on S. and
S24. on N. faces. with 2 grooves on S. and 4 on N. faces.
Land. rolling.
Soil. sandy: 3rd rate.

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

Chains.

N. 0° 05' E. bet. secs. 23 and 24.
Ascend gradually.

1.10 Mullen Trail: bears E. and W.

24.00 Top of ascent. and over ridge.

27.00 Summit: descend NE. slope.

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.

59.00 Mullen Trail: bears N. 80° W.

63.46 Center of track, Burlington and Missouri River rail road: bears N. 78° 06' W. and reverse. about 900 ft. E. of line, curves to left.

64.15 Telegraph line. bears N. 78° 06' W.: ascend.

79.60 Top of sand ridge: descend.

80.00 Set an oak post 3 ft long. 4 ins. sq. with a charred stake 24 ins. in the ground, for cor. of secs. 13. 14. 23. and 24. marked
T24N S13. on NE.
R33W S24. on SE.
S23. on SW. and
S14. on NW. faces. with 3 notches on S. and 5 on W. edges: dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.
Note: - The pit in sec. 23. in order to avoid a small blowout, is placed S. 20° W. from cor.
Land. broken.
Soil. sandy: 3rd rate.

West. on a random line bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

80.16 Intersect N. and S. line 8 lks. S. of the cor. of secs. 14. 15. 22. and 23.
Thence I run

Chains.

S. 89°56' E. on true line bet. secs. 14 and 23.

2.00 Center of track, Burlington and Missouri River railroad; bearing S. 78°06' E. to reverse.

5.36 Telegraph line " " begin ascent.

40.08 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 N. face.

Thence along S. slope of ridge.

80.16 The cor. of secs. 13. 14. 23. and 24.

Land, broken.

Soil, sandy; 3rd rate.

East on true line bet. secs. 13 and 24.

Along broken ridge; ascend.

28.00 Top of ascent.

40.00 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 N. face.

84.80 Intersect 4th Guide Meridian 6.71 chs. N. of the old cor. of secs. 13. 18. 19. and 24. which post. I invert, and mark
T 24 N S 18, on NE. and
R 32 W S 19, on SE. faces, with 3 notches on S. and N. edges.
Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 13. and 24.; dig pits 24x18x12 ins. crosswise on each line N. W. and S. of cor. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

Chains.

C C T 24 N R 33 W, on W.
S 24. on S. and
S 13. on N. faces, with 3 grooves on N. and S. faces.

Land, broken.

Soil, sandy; 3rd rate.

N. 0°05' E. bet. secs. 13 and 14.

Across low broken ridge.

38.00 Begin gradual descent.

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.

55.00 Bottom of descent; ascend.

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 NE.
R 33 W S 13, on SE.
S 14, on SW. and
S 11, on NW. faces, with 4 notches on S. and 5 on W. edges.

Land, rolling.

Soil, sandy; 3rd rate.

July 10, 1896.

N. 89°56' W. on a random line bet. secs. 11 & 14.

40.00 Set temp. ¼ sec. cor.

80.24 Intersect N. and S. line 16 lks. S. of the cor. of secs. 10. 11. 14. and 15.

Chains.

Thence I run
S. 89° 49' E. on true line bet. secs. 11 and 14.
Descend gradually.
12.00 Begin gradual ascent.
33.00 Top of ascent: thence along low ridge: E. & W.
40.12 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 N. face.
80.24 The cor. of secs. 11, 12, 13, and 14.
Land, rolling.
Soil, sandy; 3rd rate.

East, on true line, bet. secs. 12 and 13.
Along low ridge, bearing E. and W.
33.00 Descend E. slope.
40.00 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 N. face.
63.00 Bottom of descent: ascend moderately.
73.00 Top of low ridge extending S.: descend.
80.00 Foot of slope: ascend.
84.76 Intersect 4th Guide Meridian, 6.67 chs. N. of the old cor. of secs. 7, 12, 13, and 18, which post I invert and mark
T 24 N S 7. on NE. and
R 32 W S 18. on SE. faces, with 4 notches on S. and 2 on N. edges.
Deposit a charred stake 12 ins. in the ground for closing cor. of secs. 12 and 13: dig pits 24x18x12 ins. crosswise on each line, N. W. and S. of cor. 4 ft. dist. and raise a mound of earth

Chains.

4 ft. base 2 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 T 24 N R 33 W. on W.
S 13. on S. and
S 12. on N. faces, with
4 grooves on S. and 2 on N. faces.
Land, broken.
Soil, sandy; 3rd rate.

N. 0° 05' E. bet. secs. 11 and 12.
Over low hills.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S., on W. face.
57.70 Trail: bears E. and W.: ascend gradually.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 1, 2, 11, and 12: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth, 4 ft. base 2 ft. high, over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T 24 N S 1. on NE.
R 33 W S 12. on SE.
S 11. on SW. and
S 2. on NW. faces, with 5 notches on S. and W. edges.
Land, rolling.
Soil, sandy; 3rd rate.

N. 89° 49' W. on a random line bet. secs. 2 & 11.
40.00 Set temp. ¼ sec. cor.
80.20 Intersect N. and S. line 13 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Chains.

Thence I run
S. 89°54' E. on true line bet. secs. 2 and 11.
In moderate hills: ascend.
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.
Descend S.E. slope.
80.20 The cor. of secs. 1. 2. 11. and 12.
Land. broken.
Soil. sandy; 3rd rate.

East, on true line bet. secs. 1 and 12.
Cross rolling ground along S. slope low hills
40.00 Deposit a charred stake 12 ins. in the ground
for 1/4 sec. cor.: dig pits 18x18x12 ins. E. and W.
of cor. 4 ft. dist. and raise a mound of earth
3½ ft. base, 1½ ft. high. over deposit.
In E. pit. drive an oak stake 2 ft. long 2 ins.
sq. 12 ins. in the ground. marked
1/4 S., on N. face.
56.00 Begin gradual descent. along E. slope.
84.62 Intersect 4th Guide Meridian 6.70 chs. N. of the
old cor. of secs. 1. 6. 7. and 12. which post I invert,
and mark
T 24 N S 6. on NE. and
R 32 W S 7. on SE. faces. with 5
notches on S. and 1 notch on N. edges.
Deposit a charred stake 12 ins. in the ground
for closing cor. of secs. 1 and 12: dig pits 24x18
x12 ins. crosswise on each line. N. W. and S.
of cor. 4 ft. dist. and raise a mound of earth
4 ft. base 2 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 T 24 N R 33 W. on W.
S 12. on S. and
S 1. on N. faces. with

Chains.

5 grooves on S. and 1 groove on N. faces.
Land. rolling.
Soil. sandy; 3rd rate.

N. 0°05' E. bet. secs. 1 and 2.
Ascend gradually.
28.00 Summit: descend towards Loup river.
39.90 Trail: bears E. and W.
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.
72.00 Edge of bluff: descend abruptly. 50 ft.
75.00 Foot of bluff: enter level bottom.
77.00 Right bank Loup river: rapid current. clear
water. 46 lks. wide 20 ins. deep: Course S. 50° E.
79.00 Foot of bluff: ascend abruptly.
80.86 Intersect 6th Standard Parallel. N. 89°39' W. 7.39 chs.
dist. from the 1/4 sec. cor. on S. bdy. sec. 31.
Deposit a charred stake 12 ins. in the ground
for closing cor. of secs. 1 and 2: dig pits 24x18
x12 ins. crosswise on each line. E. W. & 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 33 W., on S.
S 1. on E. and
S 2. on W. faces. with
1 groove on E. and 5 grooves on W. faces.
Land. broken.
Soil. sandy: 3rd rate.

July 11, 1896.

Chains

General Description

This Tp. consists of rolling valleys and broken ranges of sand hills
The Soup River which crosses the N.E. part of Tp. is about 50 lks. wide, and 2 ft. deep with a rapid current.
In the bluffs along the river are a few small cedars and near the waters edge are scattering ash, boxalders etc.
Soil is sandy and unfit for cultivation

Willard N. Alt
U. S. Surveyor

July 11, 1896

Claim lines of T. 24 N., R. 33 W.

The T. C. claim of Esquire Crain on Secs. 24 and 25 Area 160 acres

I renew the N. W. cor. by depositing a charred stake 12 ins. in the ground, dig pits 18x18x12 ins. E. 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
E. C. on S.E. and S.W. faces.
This cor. bears N. 84°12' E. 5.98 chs. dist. from the cor. of Secs. 23, 24, 25 and 26.
Lat. 0.60 N., Dep. 5.95
It is agreed to, by the owners, that this cor. be the starting point for the survey of the claims of Esquire Crain, Cyrus Satterlee, George Mary and Joseph B. Crain
From this cor. I run

see No. 45

Claim lines of T. 24 N., R. 33 W.

Chains

East along N. bdy.
Ascend
1.70 Trail, bears S. 40° W.
4.00 Top of ascent 30 ft. thence over low rolling foot hills
20.00 Deposit a charred stake 12 ins. in ground for ¼ Sec. cor. dig pits 18x18x12 ins. S. and W. 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
E. C. on S. W. face
Thence I run

South along E. bdy.
Ascend over rolling ground
4.50 Top of ascent 30 ft. thence along gully over rolling ground
4.62 Wire fence, bears E. and W.
16.60 Trail to Mullen, bears N. 60° E. thence over low rolling foot hills
40.00 Set temp. cor.

From the N.E. cor. I run
South bet. the T. C. and H. E. claims of Esquire Crain. Ascend gully
1.25 Top of ascent 30 ft. thence over rolling ground
1.80 Trail, bears S. and N. 40° E
2.32 Wire fence, runs E. and W.
34.10 Sod house bears W.
40.00 Deposit a charred stake 12 ins. in ground for S.E. cor. of Esquire Crain's H.E. claim. dig pits 18x18x12 ins. N. and W. 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
E. C. on N.W. face

Chains

Begin ascent along N.E. slope
48.00 Top of ascent on sand bluffs 50 ft. high
thence over broken ground
60.00 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 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.C. on N.E. face
Thence I run

East along S. bdy. of claim
Descend over broken ground
8.30 Trail bears N. and S. ascend over rolling
ground
20.00 Top of ascent 50 ft. descend gently, over
rolling ground
34.00 Enter plowed field, N. + S. 1 ch. from S. side
38.90 Leave " "
40.00 Deposit a charred stake 12 ins. in ground
for S.E. cor. of claim, dig pits 18x18x12 ins.
N. and W. of cor. 4 ft. dist. and raise 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.C. on N.W. face
Thence I run

North along E. bdy.
Over gently rolling ground
17.80 N.E. cor of plowed field, bears W. 75 lks. dist.
ascend gently
20.00 Deposit a charred stake 12 ins. in the ground
for N.E. cor. of S. part of claim, dig pits 18x18
x12 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.

Chains

12 ins. in the ground marked
E.C. on S.W. face
Thence I run

West along N. bdy. of the S. part of claim
Descend gently over low rolling hills
20.00 The temp. cor. where I deposit a charred
stake 12 ins. in the ground for S.E. 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.C. on N.W. face
Sand, rolling and broken
Soil, sandy. 2nd and 3rd rate

S. 44
The H.E. claim of Esquire Crain on Secs.
23 and 26 Area 160 Acres

The E. bdy. is described in the notes of the survey
of the T.C. claim of Esquire Crain
From the S.E. cor. of the claim I run
West along S. bdy.
Ascend gradually, along N.E. slope of range
25.00 Top of ascent 50 ft. high, descend along N.
slope of range
38.75 Trail to Mullen, bears N. 20° E. and reverse
40.00 Deposit a charred stake 12 ins. in the ground
for S.W. cor. of the claim, and S.E. cor. of the
H.E. claim of Cyrus Satterlee, dig pits
18x18x12 ins. E. and N. of cor. 4 ft. dist. and
raise a mound of earth 3½ ft. base 1½ ft.
high over deposit.
In N. pit drive an oak stake 2 ft. long
2 ins. sq. 12 ins. in the ground, marked
E.C. on N.E. and
C.S. on N.W. faces

Chains

North bet. this claim and the H.E. claim
of Cyrus Satterlee
Over rolling ground
17.70 Enter plowed land, extends N. 1 ch. and E. 20 chs.
20.50 Trail bears S. 70° E.
40.00 Set temp. cor. at N.W. cor. of plowed field

From the N.E. cor. I run
West along N. bdy. of the claim
Over rolling land
17.40 Enter plowed field, extends E. and W.
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. H.E. claim of Cyrus Satterlee, 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
E.C. on S.E. and
C.S. on S.W. faces
Land, rolling.
Soil, sandy 2nd rate

S. 43.
The H.E. cl. in of Cyrus Satterlee on Secs. 23 and 26 Area 160 Acres

The E. bdy. is described in the notes of the survey of the H.E. claim of Esquire Crain.
From the N.E. cor. I run
West along N. bdy. of claim.
Over nearly level land
10.00 Ascend gradually along E. slope foot hills
17.74 Wire fence bears N. and S. runs N. from a point 12 chs. S.
20.00 Top of ascent, descend along S.W. slope
40.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of claim, and N.E. cor. of the T.C. claim of George Mary

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 S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C.S. on S.E. and
G.M. on S.W. faces
This cor. bears N. 84° 18' E. 6 chs. dist. from the cor. of Secs. 22, 23, 26 and 27
Lat. 0.59 N., Dep. 5.97 chs. E.
Thence I run

South bet. this claim and the T.C. claim
of George Mary
Descend gently
2.62 Wire fence, bears E. and W.
6.00 Enter rolling valley land
16.30 Trail, bears E. and W.
40.00 Set temp. cor.

From the S.E. cor of the claim I run
West along S. bdy.
Over rolling land
10.00 Begin gentle ascent, along N.E. slope of low hills
15.00 Top of ascent
30.00 Begin gentle descent over rolling ground
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for S.W. cor. of the claim, and S.E. cor. of T.C. claim of George Mary
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. and
G.M. on N.W. faces
Land, rolling
Soil 2nd rate

Chains S. 42)

The T.C. claim of George Mary on Secs. 22 and 23
Area 160 acres

The East bdy. of the claim is described in the notes of the survey of Cyrus Satterlee's H.E. claim
From the S.E. cor. I run
West, along S. bdy of claim
Ascend gently along N. slope of low hills
10.00 Top of ascent 40 ft. thence over N. face of low foot hills
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 S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
G.M. on N.E. face
Thence I run

North, along W. bdy.
Descend gradually over broken ground
16.50 Bottom of descent, enter plowed field, extends 1 ch. W. and 8 E.
20.00 Deposit a charred stake 12 ins. in the ground for cor. of H.E. claim of Joseph B. Crain dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of Earth 3½ ft. base 1½ ft. high, over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J.B.C. on N.W. face
40.00 Set temp. cor.

Chains

From the N.E. cor. I run
West, along N. bdy.
Descend gently along S. slope
16.78 Wire fence, runs N. from a point 75 lks. S. of line
21.70 Trail, bears N. 80° W.
40.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for N.W. cor of the claim, and N.E. cor of H.E. claim of Joseph B. Crain, 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.E. and
J.B.C. on S.W. faces
This cor. bears N. 83° 30' E. 6.05 chs. dist. from the ¼ sec. cor. bet. Secs. 22 and 27
Lat. 0.68 N., Dep. 6.01 chs. E.
School house bears S. 51° 30' W.
Land, rolling
Soil, 2nd rate

S. 41)

The H.E. claim of Joseph B. Crain on Secs. 21, 22, 27, and 28 Area 160 acres

The E. bdy of the N. part of claim is described in the notes of the survey of George Mary's T.C. claim.
From the N.E. cor. I run
West, along N. bdy. of the claim
Over level land.
4.10 Enter N. edge of plowed field, extends to S.
25.90 Leave field
26.00 Trail, bears N. 80° E. and S. 70° W. ascend abruptly, along S.E. slope
36.00 Top of ascent 75 ft. thence over broken ground along S. face of range.
60.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of claim, dig pits 18x18x12 ins.

Claim lines of T. 24 N., R. 33 W.

Claims

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. B. C. on S. E. face
Thence I run

South along W. bdy.
Over broken ground
4.00 Descend along S. slope
19.00 Bottom of descent, enter level land
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 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. B. C. on N. E. face
Thence I run

East bet. this claim, and T. C. claim of Joseph B. Crain
Over level ground
17.70 Wire fence, bears N and S.
18.00 Enter grove of box-elder trees N. and S.
20.00 Set temp. cor.

From the S. E. cor. of N. part of claim I run
West, along S. bdy.
Over rolling land, through plowed field
1.40 Leave plowed field
9.70 Enter plowing, extends 1 ch. S.
20.00 Deposit a charred stake 12 ins. in ground for N. E. cor. of S. 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

Claims

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

South along E. bdy. of the S. part of claim
3.30 Leave plowed land, ascend south along S. slope.
12.00 Top of ascent, thence over rolling ground
20.00 Deposit a charred stake 12 ins. in the ground for S. E. cor. of S. part of claim, dig pits 18 x 18 x 12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J. B. C. on N. W. face
Thence I run

West along S. bdy. of the S. part of claim
Over rolling foot hills
8.00 Begin gentle descent, over rolling ground
18.90 Trail, bears N. and S.
19.10 Enter abandoned plowing, 1.50 chs. wide, extends N. & S.
20.00 Deposit a charred stake 12 ins. in the ground for S. W. cor. of 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
J. B. C. on N. E. face
Thence I run

North, bet. the H. E. and T. C. claims of J. B. Crain
Over nearly level ground, in old fire guard
14.00 Enter box-elder grove, extends 2 chs. N. & 50 lks. E.

Chains

The temp. cor. where I deposit a charred stake 12 ins. in the ground for cor. of this claim and N.E. cor. of T.C. claim of Joseph B. Crain, dig pits 18x18x12 ins. S. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
J.B.C. on S.E. and S.W. faces
Land, rolling
Soil, sandy 2nd rate

S. 40

The T.C. claim of Joseph B. Crain on Secs. 27 and 28 Area 160 acres

The N.E. cor. of claim is described in the notes of the survey of the H.E. claim of Joseph B. Crain
From the S.W. cor. of S. part of J.B. Crains H.E. claim I run
South, along E. bdy. of claim
Through abandoned plowing, over rolling ground
18.00 Leave plowing, ascend gently
20.00 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
J.B.C. on N.W. face
Thence I run

West, along S. bdy of claim
Ascend, gradually along S.E. slope
8.00 Top of ascent, on N. face of range, 50 ft. thence over rolling ground
33.00 Begin gentle 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.

Chains

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

North along W. bdy. of claim
Descend gently over rolling ground
0.16 Wire fence, bears S. 80° W.
9.50 S.E. cor. plowed field
16.80 N.E. " " "
23.00 Enter rolling valley
36.00 Frame house bears W. about 2 chs. dist.
37.00 Foot of bluff, ascend
39.00 Top of ascent 60 ft.
40.00 Set temp. cor.

From the S.W. cor. of N. part of J. B. Crain's H.E. claim I run
West along N. bdy.
Ascend gradually along S. slope of range
17.70 Top of ascent on sand bluff, 75 ft.
20.00 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
J.B.C. on S.E face
Land rolling
Soil, sandy 2nd and 3rd rate
The S.E. cor. of claim, bears S. 17° 25' E., 20.05 Chs., dist. from 1/4 Cor. bet. Secs. 27 & 28. Lat. 19.74 chs, Dep. 6.00 Chs.
July 13, 1896

Chains

S. 38

The Pre. claim of Charles H. Jenkins on secs. 22 and 23, owned by Stull Bros. of Lincoln Neb. Area 160 acres

The N.W. cor. is marked by a corner of plowed field, and fire guard, where I deposit a charred stake 12 ins. in the ground, 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
Thence I run
East, along N. bdy. of claim
Over rolling land, along N. side of abandoned field
31.00 Enter plowed field, extends N. 6 chs.
50.40 Leave " "
60.38 Wire fence N. 30° E.
80.00 Deposit a charred stake 12 ins. in the ground for N. E. cor. 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
S. B. on S. W. face
Thence I run

South along E. bdy. of claim
Descend over rolling ground
20.00 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
S. B. on N. W. face
This cor. bears N. 66° 30' E. 5.22 chs. dist. from the 1/4 sec. cor. bet. secs. 22 and 23
Lat. 2.08 N, Dep. 4.79 chs. E.

Chains

West along S. bdy. of the claim
Along N. slope of range, descend gradually
22.00 Wire fence bears N. 30° E. and reverse
40.00 Bottom of descent, ascend gradually along N. E. slope
80.00 Deposit a charred stake 12 ins. in the ground for S. W. cor. of claim, and S. E. cor. of the T. C. claim of Rufus M. Roberts, 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. and
R. M. R. on N. W. faces
Thence I run

N. on N. bdy. bet. this claim and the T. C. claim of Rufus M. Roberts
Descend gradually
17.00 W. end plowed field, extends E.
20.00 The N. W. cor. of the claim
Land, rolling
Soil, sandy 2nd rate July 14, 1896

S. 39

The T. C. claim of Rufus M. Roberts on Secs. 21 and 22. Area 160 acres
The S. E. cor. and part of the E. line is described in the field notes of the survey of the Pre. claim of C. H. Jenkins owned by Stull Bros.
From the N. W. cor. of the Jenkins claim I run
North along the E. bdy. of claim
Descending gradually
17.69 Intersect the S. bdy. of Sec. 15 at a point N. 89° 53' E. 4.68 chs. from the cor. of secs. 15, 16, 21, and 22

Chains

Deposit a charred stake 12 ins. in the ground for closing cor. dug 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.

P.L. (for Public Land) on N. and

R.M.R. on N. faces

As the length of the East line of the claim is 37.69 chs. and the course of the S. bdy. of Sec. 16 is S. 89° 56' E. and the length of the claim being approximately 42 chs. E. and W. the northing of the N. bdy. of the claim is 4'- which for 42 chs. is 6 lks. therefore the N. bdy. of the claim is 6 lks. longer than E. bdy. or 37.75 chs. the mean width of the claim is 37.75 - 3 = 37.72 chs., 1600 sq. chs. divided by 37.72 is ~~42~~ (44) chs., length of claim.

Thence I run

Chains (42)

West along S. bdy.

Along N. slope low hills, over rolling ground

42.44 Deposit a charred stake 12 ins. in the ground for S.W. cor. of claim, dug 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 drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

A.M.R. on N.E. face

Thence I run

(42.42)

North along W. bdy.

Descend gently, over rolling ground

34.75 Mullen trail E. and W.

35.52 Center of track Burlington and Missouri River railroad, course N. 84° 07' E. and reverse

36.22 Telegraph line

Chains

37.75 Intersect the S. bdy. of Sec. 16, at a point S. 89° 56' E., 2.24 chs. dist. from the S¼ Cor. of Sec. 16.

Deposit a charred stake 12 ins. in the ground for closing corner, dug pits 18x18x12 ins., East and South of Cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.

In S. pit drove an ~~Oak Stake~~ 2 ft. long 2 ins. sq., 12 ins. in the ground, marked

C.C. on S.

R.M.R. on E. and

N.S.L (for Nebraska School Land) on N.

Land, Rolling.

Soil Sandy 2nd and 3rd rate.

S. 47

The T.C. claim of Peter Knudsen on secs. 31 and 32 Area 160 acres

The S.W. cor. of claim, a point in fire guard shown me by Huntson, where I deposit a charred stake 12 ins in the ground, dig pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit

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

P.K. on N.E. faces

Thence I run

North along W. bdy. of claim

9.00 Enter valley

20.00 Deposit a charred stake 12 ins. in the ground for N.W. cor. of T.C. claim and S.W. cor. of H.E. claim of Peter Huntson, 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 drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

P.K. on N.E. and S.E. faces

This cor. bears S. 87° 23' E. 5.01 chs. dist. from the ¼ sec. cor. bet. secs. 31 and 32

Lat. 0.23 S., Dep. 5.00 chs E.

Chains

East bet. the H.E. & T.C. claims of Peter Kundsen
Over level ground
11.90 Wire fence, enter plowed field N. and S.
80.00 Set temp. cor.

From the S.W. cor. of claim I run
East along S. bdy.
Along N. slope of range, over rolling ground
Ascend
45.50 Grove bears N.
57.00 Top of ascent 40 ft. descend gently along N. slope
80.00 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
P. K. on N.W. face
Thence I run

North along E. bdy.
Over rolling foot hills
10.00 Enter valley
15.40 " plowed field, extending E.
20.00 The temp. cor. where I deposit a charred stake 12 ins. in the ground for N.E. cor. of T.C. and S.E. cor. of H.E. claims of Peter Knutson, dig pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In W. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
P. K. on N.W. and S.W. faces
Land, rolling
Soil sandy 2nd rate

Chains S. 46)

The H.E. claim of Peter Knutson on secs. 32 and 33. Area 160 acres

The S. bdy. is described in the notes of the survey of the T.C. claim of P. Kundsen
From the S.E. cor. of the claim, I run
North, along E. bdy
Over level land in plowed field
16.15 Leave plowed field, ascend gradually
17.40 Trail, bears N. 80° E.
20.00 Set temp. cor.

From the S.W. cor. of claim I run
North along W. bdy.
Over level ground
17.30 Trail, bears N. 80° E.
13.00 Begin ascent along S. slope
20.00 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
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
P. K. on S.E. face
Thence I run

East along N. bdy.
Descend along S. slope of range
47.00 Bottom of descent, and point opposite corral
44.00 Kundsen's house, bears S. about 30 hs. dist.
44.10 Wire fence, bears N. 70° E. thence along S. slope of range, over rolling ground
80.00 The temp. 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.

Chains

sq. 12 ins. in the ground, marked
C. K. on S. W. face

Land rolling
Soil, sandy 2nd rate

S. 37

The T. C. claim of Charles B. Kroft on sec 34
Area 160 Acres

From the closing cor. of Tp. 24 N., Rs. 32 and 33
W. I run
South bet. this claim and the T. C. claim
of E. P. Hughes
Descend very abruptly along S. E. slope
7.00 Bottom of descent, thence over rolling ground
17.00 Left bank Soup River, 80 lks wide course S. 80° E.
thence over wet bottom
20.00 Deposit a charred stake 12 ins. in the ground
for S. E. cor. of claim, and S. W. cor. of T. C. claim
of Evan P. Hughes. 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. B. K on N. W. and
E. P. H. on N. E. faces
Thence I run

West along S. bdy.
Ascend along N. face of bluffs
12.50 Top of ascent 100 ft. above river, thence along
river bluffs, over ridges and ravines
63.60 Land peak 100 ft. above river, descend
70.00 Bottom of descent, thence over broken ground
80.00 Set temp. cor.

At a point N. 89° 39' W. 2.51 chs. dist. from the
¼ sec. cor. on S. bdy. sec. 31 T. 25 N., R. 32 W. on
the 6th Standard Parallel

Chains

I deposit a charred stake 12 ins. in 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 in the ground, marked
C. B. K. on S. E. face
Thence I run

South along W. bdy of the claim.
Descend along S. slope
4.45 Left bank Soup River, 60 lks. wide course N. 7° E.
thence over rolling ground
8.00 Ascend gradually along N. slope
20.60 The temp. cor. where I 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. B. K. on N. E. face

Land, Broken
Soil, Sandy 1st and 3rd rate

July 15, 1896

Final Oaths of Deputy Surveyors and their 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.*

Sec T23 R31 p 139/43

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

.....

Final Oath of United States Deputy Surveyor.

I, ..., United States Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from ....., United States Surveyor General for ....., bearing date of the ..... day of ....., 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ...., the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of .....

..... of the ..... base and ..... meridian, in the ..... of ....., which are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the *true* field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....
United States Deputy Surveyor.

Subscribed by said ....., United States Deputy Surveyor, and sworn to before me this ..... day of ....., 189 .

SEAL

.....

.....

APPROVAL.

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

General Land Office, October 22, 1897.

The foregoing field notes of the survey of The Subdivision and Claim Lines of Township No. 24 North, Range No. 33 West, of the 6th Principal Meridian, State of Nebraska,

as executed by Willard W. Alt, United States Surveyor, under his Contract ~~No.~~ ....., dated January 26, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

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

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

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

General Land Office • Original Field Notes

Book Number

777

W.W. Alt Subdivision of T 24 N - R 33 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.