General Land Office • Original Field Notes

Book Number

777

W.W. Alt Subdivision of T 24 N - R 34 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

4—679.

Recd with letter from W. W. Alt U. S. Surveyor, dated April 21, 1900
54393
1900

FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines
of
Township No. 24 North,
Range No. 34 West

Of the Sixth Principal *Meridian,*
State of Nebraska

AS SURVEYED BY

Willard W. Alt, *United States ~~Deputy~~ Surveyor,*

Under his Contract ~~No.~~, *dated* Apl. 17, *1899*

Survey commenced October 28, *1899*

Survey completed November 7, *1899*

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NAMES AND DUTIES OF ASSISTANTS.

John B. Kerr, Chainman
George W. Stevenson, "
Percy Adams, Flagman
William Whitehead, Woodman

6—151

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6—151

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 over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

.....

....., *Chainman.*

....., *Chainman.*

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

SEAL

.....

.....

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

.....

....., *Moundman.*

....., *Moundman.*

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

SEAL

.....

.....

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

.....

.....

6—151

Subdivision of T. 24 N., R. 34 W.

Chains

Preparatory to commencing the subdivision of this Township - I prolong the line run from the S. E. cor. of T. 23 N. R. 34 W., to the S. E. Cor. of T. 24 N R. 34 W., to the cor. of Secs. 25, 30, 31 and 36 on the E. bdry of the Tp., and find that the cor. of Secs. 25, 30, 31 and 36, is 6 lks. N. of the line - and as the bearing of the line above described is N. 0°10' E., the true bearing of the boundaries of T. 24 N., R. 34 W., is N. 0°7' E.

From the cor. of Secs 1, 2, 35 and 36 on the S. bdry of Tp. I therefore run
N. 0°6' E. bet. Secs. 35 and 36,
Descend along N. slope range.
13.00 Enter rolling ground.
19.70 Trail, course E. and W.,
24.00 Enter low hills.
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18X18X12 ins N. and S of cor. 4 ft. dist, and raised a mound of Earth 3½ ft. base, 1½ ft high, over deposit.
In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
80.00 Deposit charred stake 12 ins. in the ground for cor. of Secs. 25, 26, 35 and 36, dug pits 18 X 18 X 12 ins, in each sec., 4 ft. dist, and raised a mound of Earth 4 ft. base 2 ft. high, over deposit.
In S. E. pit, drove an Oak stake 2 ft. long 2 ins. Sq. 12 ins in the ground, marked
T. 24 N. S. 25 on N. E.
R. 34 W. S. 36 on S. E.
S. 35 on S. W. and
S 26 on N. W. face, with 1 notch on S and E. edges
Land Rolling.
Soil Sandy 4th rate.

Subdivision of T. 24 N., R. 34 W. continued.

Chains

S. 89°49' E. on a random line bet. secs. 25 and 36.

40.00 Set temp. 1/4 Sec. cor.

79.80 Intersect E. bdry of Tp. 13 lks. N. of cor. of Secs. 25, 30, 31 and 36.

Thence I run

N. 89°43' W. on a true line bet. Secs. 25 and 36.

Descend over low hills.

15.00 Bottom descent.

23.00 Ascend abrupt N. E. slope.

27.00 Top ascent.

34.00 Descend W. Slope.

38.10 Wire fence, course N. W. and S. E..

39.90 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove an Oak stake 2 ft. long, 2 ins sq., 12 ins in the ground, marked 1/4 S. on N. face.

63.75 Trail to Railroad, course N. and S. over rolling ground

77.00 Ascend over low hills.

79.80 The cor. of Secs. 25, 26, 35 and 36.

Land rolling and broken.

Soil Sandy 4th rate.

N. 0°6' E., bet. Secs. 25 and 26.

Ascend gently.

19.50 Top of ascent, over low hills.

31.00 Descend.

32.95 Wire fence, course E. and W..

38.00 Enter rolling valley.

40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of Earth, 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins in the ground, marked 1/4 S. on W. face.

Subdivision of T. 24 N., R. 34 W. Continued

Chains

66.00 Trail N. 10° W.

69.00 Ascend S. slope.

80.00 Deposit marked limestone 12 ins. in the ground for cor. of Secs. 23, 24, 25, and 26, dug pits 18 X 18 X 12 ins. in each sec., 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high, over deposit.

In S. E. pit, drove an oak stake 2 ft. long, 2 ins. sq., 12 ins in the ground, marked T. 24 N. S. 24 on N. E.

R. 34 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. edge—

Land level and rolling.

Soil sandy 4th rate.

Oct. 28, 1899.

S. 89°43' E. on a random line bet. Secs. 24 and 25.

40.00 Set temp. 1/4 Sec. cor.

79.88 Intersect E. bdry of Tp. 2 lks. S. of cor. of Secs. 19, 24, 25 and 30.

Thence I run

N. 89°44' W., on a true line bet. Secs. 24 and 25.

Descend gradually, W. Slope.

25.00 Bottom descent, thence over low hills.

39.94 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins E. and W. of cor., 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit drove a cedar stake, 2 ft. long 2 ins sq., 12 ins. in the ground, marked. 1/4 S. on N. face.

62.00 Ascend over rolling hills.

72.00 Top. of ascent, descend.

79.88 The cor. of Secs. 23, 24, 25 and 26.

Land rolling.

Soil Sandy 4th rate.

Subdivision of T. 24 N., R. 34 W., Continued.

Chains	
	N. 0° 6' E., bet. Secs. 23 and 24.
	Ascend S.W. face hills.
5.00	Top of ascent; thence over rolling hills.
15.00	Descend N. Slope.
37.00	Enter low foot hills.
40.00	Deposit marked limestone 12 ins in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
44.00	Trail, parallel to Railroad
45.27	Wire fence parallel to Railroad
46.51	Burlington and Missouri River Railroad.
48.05	Wire fence, parallel to Railroad. bears N. 83° 50' W.
47.41	Telegraph line, parallel to Railroad.
	Ascend over low hills.
59.00	Top of ascent; thence over low hills.
80.00	Set a cedar post 3 ft. long, 4 ins. sq. with marked limestone, 24 ins. in the ground for cor. of Secs. 13, 14, 23 and 24, marked T. 24 N. S. 13 on N.E. R. 34 W. S. 24 on S.E. S. 23 on S.W. and S. 14 on N.W. face, with 3 notches on S. and 1 notch on E. edge, dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high W. of cor.
	Land rolling
	Soil sandy, 4th rate.

	S. 89° 44' E. on a random line bet. Secs. 13 and 24
40.00	Set temp. 1/4 Sec. cor.
79.88	Intersect E. bdry of Tp. at cor. of secs 13, 18, 19 and 24.
	Thence I run

Subdivision of T. 24 N., R. 34 W., Continued.

Chains	
	N. 89° 44' W. on a true line bet. Secs 13 and 24
	Over low rolling hills.
39.94	Deposit marked limestone 12 ins. in the ground for 1/4 Sec. Cor., dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth, 3 1/2 ft. base 1 1/2 ft. high, over deposit. In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
49.00	Ridge over broken ground, descending
79.88	The cor. of Secs. 13, 14, 23 and 24.
	Land rolling and broken.
	Soil sandy 4th rate.

	N. 0° 6' E., bet. Secs. 13 and 14.
	Over rolling ground, ascending gently.
16.00	Top. - thence along W. face low range over broken ground.
40.00	Deposit marked limestone, 12 ins in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins., N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit drove a cedar stake 2 ft long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
43.50	Descend gradually.
57.00	Bottom descent, over low hills.
80.00	Deposit marked limestone, 12 ins in the ground for cor. of Secs. 11, 12, 13 and 14; dug pits 18 X 18 X 12 ins, in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high, over deposit. In S.E. pit, drove an Oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked T. 24 N. S. 12 on N.E. R. 34 W. S. 13 on S.E. S. 14 on S.W. and

Subdivision of T. 24 N., R. 34 W., Continued

chains

S 11 on N.W. faces; with 4 notches on S. and 1 notch on E. edges.
Land, broken and rolling.
Soil, sandy 4th rate.

S. 89°44' E., on a random line bet. Secs. 12 and 13.
40.00 Set temp. 1/4 Sec. cor.
79.80 Intersect E. bdy of Tp., at the cor. of Secs. 7, 12, 13 and 18.
Thence I run
N. 89°44' W., on a true line bet. Secs 12 and 13
Ascend N.E. slope, low hills.
14.00 Top of ascent 40 ft.. Descend over rolling hills.
39.90 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18X18X12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft high, over deposit.
In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked.
1/4 S on N. face
71.00 Descend gently.
79.80 The cor. of Secs. 11, 12, 13 and 14.
Land, rolling.
Soil, sandy, 4th rate.

N. 0°6' E., bet. Secs 11 and 12.
ascend over low ridge.
32.00 Ascend abruptly.
34.20 Top of ascent, 15 ft. on W. face Sand bluff.
37.00 Descend over low broken ridges.
40.00 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18X18X12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked

Subdivision of T. 24 N., R. 34 W., 34 W. continued.

chains

1/4 S. on W. face.
46.50 Bottom descent; thence over low ridges
68.00 Ascend over ridge.
77.00 Ridge, descend
80.00 Deposit marked limestone 12 ins. in the ground for cor. of Secs. 1, 2, 11 and 12., dug pits 18X18X12 ins. in each Secs 4 ft. dist. and raised a mound of earth 4 ft base, 2 ft high, over deposit.
In S.E. pit, drove an Oak Stake 2 ft. long 2 ins sq., 12 ins. in the ground, marked
T. 24 N. S. 1 on N. E
R. 34 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.
Land, Broken
Soil, Sandy, 4th rate.

S. 89°44' E., on a random line bet. Secs. 1, and 12.
40.00 Set temp. 1/4 Sec. cor.
79.80 Intersect E. bdy of Tp. 18 lks. S. of cor. of Secs. 1, 6, 7 and 12.
Thence I run
N. 89°52' W. on a true line bet. Secs. 1, and 12
ascend
2.00 Ridge, descend.
4.00 Bottom descent
32.00 Ascend S.E. slope, low hills.
39.90 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor., dug pits, 18X18X12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In E. pit drove a cedar stake 2 ft. long, 12 ins. sq., 12 ins. in the ground, marked
1/4 S. on N. face

chains

50.00 Descend from ridge along W. face hills
72.50 Bottom descent in basin.
79.80 The cor. of Secs. 1, 2, 11 and 12.
Land, rolling and broken.
Soil, Sandy, 4th rate.

N. 0°6' E., bet. Secs. 1, and 2,
ascend broken ground and ridges.
28.00 Top of ascent. 75 ft. above cor. on Sand bluff.— over very broken ground.
40.00 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of Earth, 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove an oak stake 2 ft. long, 2 ins. sq., 12 ins in the ground, marked 1/4 S. on W. face.
55.50 Descend over low ridges.
65.60 Trail, course N.W. and S.E. over table land
81.80 Descend W. face River bluff.
86.00 Intersect 6th Standard parallel at a pt. N. 87°24' W., 13.40 chs. from 1/4 Sec. cor. on S. of sec. 31 T. 25 N., R. 33 W., as the point for cor. falls in canon and in a place that I deem unsafe for cor. So at a point S. 0°6' W. from cor. pt. 4 chs dist., I deposit marked limestone 12 ins. in the ground for witness cor. to closing cor. of Secs. 1, and 2, dug pits, 24 X 18 X 12 ins cross wise on each line, S. E. and W. of cor. 4 ft. dist. and raised a mound of earth 4 ft base 2 ft high over deposit.
In E. pit, drove an Oak Stake 2 ft. long, 2 ins. sq., 12 ins. in the ground marked W. C. C. C. T 24 N. R 34 W. on S.
S 1. on E. and
S 2. on W. faces, with 1 groove on E. and 5 grooves on W. Edges.
Land, broken
Soil, Sandy, 4th rate.

chains

From the cor. of secs 2, 3, 34, and 35, on the S. bdy of Tp. I run
N. 0°6' E., bet. Secs 34, and 35.
Descend N. Slope
8.00 Bottom descent, in narrow valley.
22.20 Old Trail.- Course E. and W.
28.00 Ascend S. Slope hills, gradually.
40.00 Deposit marked limestone, 12 ins. the ground for 1/4 Sec. cor., dug pits, 18 X 18 X 12 ins, N. and S. of cor., 4 ft. dist., and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
45.50 Top of ascent, over low range of hills, descend over low hills.
69.00 Bottom descent, over rolling ground.
80.00 Deposit marked limestone, 12 ins. in the ground for cor. of secs. 26, 27, 34 and 35, dug pits 18 X 18 X 12 ins. in each Sec., 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high, over deposit,
In S.E. pit drove an oak stake 2 ft. long, 2 ins sq., 12 ins. in the ground, marked
T 24 N S. 26. on N. E.
R. 34 W. S. 35 on S. E.
S. 34 on S. W. and
S. 27 on N. W. faces, with 1 notch on E. and 2 notches on E. Edges.
Land, rolling
Soil, Sandy, 4th rate.

S. 89°49' E. on a random line bet. Secs. 26, and 35.
40.00 Set temp. 1/4 Sec. cor.
80.16 Intersect N. and S. line 4 lks. N of cor. of Secs. 25, 26, 35, and 36
Thence I run
N. 89°47' W., on a true line bet. Secs. 26, and 35. over low hills.

Subdivision of T. 24 N., R. 34 W., - continued

Chains

37.50 Ravine, course N.E. and S.W.; ascend over low hills.

40.08 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor., dug pits, 18 x 18 x 12 ins E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove a cedar stake 2 ft. long. 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face

57.00 Ridge, descend

80.16 The cor. of Secs. 26, 27, 34, and 35.

Land, rolling and broken

Soil, sandy, 4th rate.

N. 0° 6' E., bet. Secs. 26 and 27.

over low hills, descending slightly.

37.00 Ridge, descend.

40.00 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor., dug pits, 18 x 18 x 12 ins. N. and S. of cor., 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face.

41.00 Bottom descent; thence ascend over low hills.

62.00 Ridge - thence over broken ground along S.W. face.

80.00 Deposit, marked limestone, 12 ins. in the ground for cor. of Secs. 22, 23, 26, and 27, dug pits, 18 x 18 x 12 ins. in each Sec. 4 ft. dist. and raised a mound of earth, 4 ft. base, 1 1/2 ft. high over deposit

In S.E. pit, drove an oak stake 2 ft. long. 2 ins. sq., 12 ins in the ground, marked T. 24 N., S. 23 on N.E. R. 34 W. S. 26 on S.E S. 27 on S.W. and S 22 on N.W. faces, with 2 notches S. and E. edges

Land, rolling and broken

Soil, sandy, 4th rate.

Subdivision of T. 24 N., R. 34 W., - continued.

Chains

S. 89° 47' E., on a random line bet. Secs. 23, and 26.

40.00 Set temp 1/4 Sec. cor.

80.20 Intersect N. and S. lins, 11 lks. N. of cor. of Secs. 23, 24, 25, and 26.

Thence I run

N. 89° 42' W., on a true line bet. Secs. 25, and 26, ascend E. face hills.

5.70 Trail to Hecla, course N. and S.

31.50 Top of ascent; thence along top of hills.

40.10 Deposit marked limestone, 12 ins in the ground for 1/4 Sec. cor., dug pits, 18 x 18 x 12 ins., E. and W. of cor., 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft high, over deposit.

In E. pit, drove an oak stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face

43.15 Wire fence course N. and S.

49.00 Descend along W. face.

80.20 The cor. of Secs. 22, 23, 26, and 27.

Land, broken

Soil, sandy, 4th rate.

N. 0° 6' E., bet. Secs. 22, and 23.

ascend along S.W. Slope.

10.00 Top of ascent; thence along W. face.

18.00 Descend N.W. slope.

40.00 Deposit marked limestone, 12 ins, in the ground for 1/4 Sec. cor., dug pits, 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.

In S. pit drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.

41.60 Trail along Railroad

43.14 Wire fence, parallel to Railroad

44.50 Center of track Burlington and Missouri River Railroad, course S. 74 W.

46.12 Telegraph line.

Subdivision of T. 24 N., R. 34 W., continued

Chains
47.08 Wire fence along Railroad.
48.50 Ascend abruptly.
55.00 Top of ascent, on E. face hills, descend.
70.80 Trail, course N.W. and S.E., at bottom descent, Ascend S. slope low hills.
80.00 Deposit charred stake, 12 ins. in the ground for cor. of Secs., 14, 15, 22, and 23. dug pits 18X18X12 ins. in each Sec., 4 ft. dist. and raised a mound of Earth, 4 ft. base, 2 ft. high over deposit,
In S.E. pit, drove an Oak stake 2 ft. long 2 ins. Sq., 12 ins. in the ground, marked
T. 24 N. S. 14 on N.E.
R. 34 W. S 23 on S.E.
S. 22 on S.W. and
S 15 on N.W. faces with 3 notches on S. and 2 notches on E. edges.
Land, broken
Soil, Sandy, 4th rate.

S 89°42' E on a random line, bet Secs. 14 and 23.
40.00 Set temp. 1/4 Sec. cor.
80.12 Intersect N. and S. lin. Blks. S. of cor. of Secs. 13, 14, 23, and 24
Thence I run
N. 89°24' W. on a true line bet. Secs. 14, and 23.
Descend over low hills.
20.00 Bottom in ravine, as and abrupt.
31.00 Top 60 ft. on S. face hills, descend S. N. slope
40.06 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor., dug pits, 18X18X12 ins. E and W. of cor. 4 ft. dist. and raised a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high over deposit
In E. pit, drove an Oak stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground marked 1/4 S. on N. face,
55.40 Bottom descent, in ravine at trail, course N. 10° E.

Subdivision of T. 24 N., R. 34 W., continued.

chains
Ascend gradually along E. slope low hills.
80.12 The cor. of Secs. 14, 15, 22, and 23.
Land, Broken and rolling
Soil, Sandy, 4th rate.

N. 0°6' E., bet. Secs. 14, and 15,
ascend over broken ground.
9.00 Top of low hills
13.50 Descend N. Slope.
29.00 Enter basin like valley
40.00 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor.; dug pits, 18X18X12 ins. N. and S. of cor. 4 ft. dist., and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove a cedar Stake 2 ft. 2 ins Sq., 12 ins in the ground, marked
1/4 S. on W. face.
49.00 Ascend gradual S. slope.
58.75 Ascend abruptly.
67.00 Top range of hills, course E. and W. 100 ft. above Valley; descend over low rolling hills.
80.00 Deposit marked limestone 12 ins. in the ground for cor. of Secs. 10, 11, 14, and 15; dug pits 18X18X12 ins. in each sec. 4 ft. dist., and raised a mound of Earth ft. base, ft. high, over deposit
In S.E. pit, drove an Oak Stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked
T. 24 N. S. 11 on N.E.
R. 34 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 notches on E. edges.
Land, rolling and broken.
Soil, Sandy, 4th rate.
Oct. 31, 1899.

chains.

S. 89° 44' E., on a random line bet. Secs. 11 and 14.

40.00 Set temp. 1/4 Sec. cor.

80.20. Intersect N. and S. line 16 lks. S. of cor. of Secs. 11, 12, 13, and 14.

Thence I run

N. 89° 51' W. on a true line bet. secs. 11 and 14 in basin.

5.00 Ascend along E. slope over broken ground

33.70 Top of ascent 75 ft. on sand bluff, along N. face hills.

40.10 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor., dug pits, 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit;

In E. pit, drove a cedar stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.

Descending somewhat.

55.90 Trail, course N. and S.

58.00 Bottom of descent, in edge of basin, ascend.

70.00 Top of ascent 50 ft. on N. slope hills; thence ascend gently

80.20 The cor. of Secs. 10, 11, 14, and 15

Land, rolling and broken.

Soil, sandy, 4th rate.

N. 0° 6' E., bet. secs. 10, and 11.

Descend N. slope.

23.00 Bottom descent, over low hills.

35.00 Top of abrupt ascent 75 ft.

40.00 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor., dug pits, 18 X 18 X 12 ins. N. and S. of cor., 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.

In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.

Chains

1/4 S on N. face.

42.00 Top of hills, on E. face bluff.

56.00 Descend abruptly.

65.00 Bottom descent; thence over rolling ground.

80.00 Deposit marked limestone 12 ins. in the ground for cor. of Secs. 2, 3, 10 and 11.; dug pits 18 X 18 X 12 ins. in each Sec., 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high, over deposit.

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

T. 24 N. S. 2 on N.E.

R. 34 W. S. 11 on S.E.

S. 10 on S.W. and

S. 3 on N.W. faces, with 5 notches on S. 2 notches on E. edges.

Land, rolling.

Soil, sandy, 4th rate.

S. 89° 51' E., on a random line bet. Secs. 2 and 11.

40.00 Set temp. 1/4 Sec. cor.

80.08 Intersect N. and S. line, 7 lks. N. of cor. of Secs. 1, 2, 11 and 12.

Thence I run

N. 89° 48' W. on a true line bet. secs. 2 and 11, over low rolling hills.

40.04 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor.; dug pits, 18 X 18 X 12 ins., E. and W. of cor.; 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.

In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground marked 1/4 S. on N. face.

63.00 Low ridge, descend

70.00 Trail, N. and S. at bottom descent, ascend slightly.

80.08 The cor. of Secs. 2, 3, 10 and 11.

Land, Rolling.

Soil, Sandy, 4th rate.

Subdivision of T. 24 N., R. 34 W., continued.

Chains

N. 0° 6' E., bet. Secs. 2 and 3.
over rolling land.
8.00 Ascend gently.
24.00 Top of ascent.
40.00 Deposit 2 small limestone 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18X18X12 ins. N. and S. of cor., 4 ft. dist., and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
42.00 Descend over low hills.
61.30 Old river trail, course E. and W.
73.50 Rim bluff, descend abrupt.
78.00 Bottom of descent, in marshy land
80.00 Center of S. prong Soup River 10 lks. wide; course E. and W.
81.50 Ascend abrupt.
84.00 Top of ascent, 50 ft. above river, ascend gradually,
86.60 Intersect 6th Standard Parallel at a point N. 89° 30' W., 15.52 chs. dist. from 1/4 Sec. cor. on S. line of Sec. 36, Tp. 25 N., R. 34 W.; deposit marked limestone 12 ins. in the ground for closing cor. of Secs. 2 and 3, dug pits 24X18X12 ins. crosswise on each line, S., E. and W., 4 ft. dist. and raised a mound of earth 4 1/2 ft. base, 2 ft. high, over deposit. In E. pit, drove an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked C. C. T. 24 N. R. 34 W. on S.
S. 2. on E. and
S. 3 on W. faces, with 2 grooves on E. and 1 groove on W. faces
Land, Broken,
Soil, Sandy, 4th rate.
Nov. 4, 1849.

Subdivision of T. 24 N., R. 34 W., continued

Chains

From the cor. of Secs. 3, 4, 33 and 34, on S. bdry of Tp., I run
N. 0° 5' E., bet. Secs. 33 and 34.
over low hills
22.00 Ascend S. W. S. slope gradually.
39.00 Low ridge.
40.00 Deposit marked limestone 12 ins in the ground for 1/4 Sec. Cor., dug pits 18X18X12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit drove a cedar stake, 2 ft. long, 2 ins sq., 12 ins. in the ground, marked 1/4 S. on W. face.
45.20 E. face bluff at top of ascent; descend N. slope.
53.00 Ridge
65.00 Trail, course N. W. and S. E.,
80.00 Set a cedar post, 3 ft. long, 4 ins sq., with marked limestone 24 ins. in the ground for cor. of Secs. 27, 28, 33 and 34, marked
T. 24 N. S. 27. on N. E.
R. 34 W. S 34 on S. E.
S. 33 on S. W. and
S. 28 on N. W. faces, with 1 notche on S. and 3 notches on E. edge, dug pits 18X18X12 ins in each Sec. 5 1/2 ft. dist. and raised a mound of earth 4 ft. base, 1 1/2 ft. high, W. of cor.
Land rolling and broken.
Soil sandy 4th rate.

S. 89° 49' E., on a random line bet. Secs. 27 and 34.
40.00 Set temp 1/4 Sec. cor.
80.20 Intersect N. and S. line 23 lks N. of cor of Secs. 26, 27, 34 and 35
Thence I run
N. 89° 39' W., on a true line bet Secs 27 and 34
over low hills.

Subdivision of T. 24 N., R. 34 W., continued

Chains

6.00 Enter level ground

35.00 ascend over low hills.

40.10 Deposit marked limestone 12 ins in the ground for 1/4 Sec. Cor., dug pits 18X18X12 ins. E. and W. of cor., 4 ft. dist. and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit. In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.

50.00 Ridge - over broken ground.

55.00 Descend.

80.20 The Cor. of Secs. 27, 28, 33 and 34.
Land rolling and broken
Soil Sandy 4th rate.

N. 0° 5' E. bet. Secs. 27 and 28.
over low rolling hills.

40.00 Deposit, marked limestone 12 ins in the ground for 1/4 Sec. Cor., dug pits 18X18X12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In S. pit, drove an Oak Stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked 1/4 S. on N. face.

41.00 Ascend abruptly along S. E. Slope.

47.00 Top of ab. 1st ascent 75 ft. Ascend S. E. face.

60.40 Top of range 125 ft. high.

77.00 Descend N. Slope.

80.00 Deposit marked limestone 12 ins in the ground for cor. of Secs. 21, 22, 27 and 28, dug pits 18X18X12 ins. in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft high, over deposit.
In S.E. pit, drove an Oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground marked.

Subdivision of T. 24 N., R. 34 W., Continued.

Chains

T. 24 N. S 22 on N. E
R. 34 W S. 27 on S. E.
S. 28 on S. W. and
S. 21 on N. W., with 2 notches on S and 3 notches on E. edges.
Land rolling and broken
Soil Sandy 4th rate.

S. 87° 39' E., on a random line bet. Secs. 22 and 27.

40.00 Set temp. 1/4 Sec. Cor.

80.28 Intersect N. and S. line 32 chs. S. of cor. of Secs. 22, 23, 26 and 27.
Thence I run
N. 87° 53' W. on a true line bet. Secs. 22 and 27.
over low hills descending.

10.00 Bottom descent.

40.14 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor., dug pits 18X18X12 ins. E. and W. of cor., 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In E. pit drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.

61.00 ascend abruptly along N. E. slope.

70.00 Top - thence along N. face.

80.28 The cor. of Secs. 21, 22, 27 and 28.
Land broken.
Soil Sandy 4th rate.

N. 0° 5' E., bet. Secs. 21 and 22.

3.00 Descend N. Slope.

26.00 Bottom descent.

28.00 Trail along Railroad.

28.78 Wire fence along Railroad.

30.16 Center track of Burlington and Missouri River Railroad - course E. and W. on curve.

30.88 Telegraph line.

Subdivision of T. 24 N., R. 34 W., continued.

Chains
31.78 Wire fence along Railroad.
36.50 Ascend S. slope.
40.00 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. Cor., dug pits 18X18X12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face,
51.00 Top of ascent 80 ft. above Railroad.
52.00 Sand blow-out.
55.50 Descend abruptly along N. slope.
57.00 Bottom abrupt descent, descend gradually,
73.00 Bottom in Ravine, E. and W. ascend slightly,
76.22 Trail course N. W. and S. E.
80.00 Set a cedar post 3 ft. long, 4 ins. sq., with marked limestone 24 ins. in the ground for cor. of Secs. 15, 16, 21 and 22, marked
T. 24 N. S. 15 on N. E.
R. 34 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, dug pits 18X18X12 ins. in each sec. 4 ft. dist, and raised a mound of earth 4 ft. base, 2 ft. high, W. of cor.
Land broken
Soil sandy.

S. 89° 53' E., on a random line bet. secs. 15 and 22.
40.00 Set temp. 1/4 Sec. Cor.
80.28 Intersect N. and S. line 4 rds. S. of cor. of Secs. 14, 15, 22 and 23.
Thence I run
N. 89° 55' W. on a true line bet. Secs 15 and 22
ascend
2.30 Descend from Ridge over broken ground
36.00 Bottom descent; thence over low hills between Ranges ascending slightly,

Subdivision of T. 24 N., R. 34 W., - continued.

chains
40.14 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. Cor., dug pits, 18X18X12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth, 3½ ft. base, 1½ ft. high, over deposit. In E. pit, drove a cedar stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked, 1/4 S. on W. face.
Trail, course E. and W., about 1 ch. S. of cor.
59.70 Low ridge - descent gently.
70.00 Ascend S. E. Slope.
80.28 The cor. of Secs. 15, 16, 21, and 22.
Land, rolling.
Soil, sandy 3rd rate.
Nov. 1, 1899.

N. 0° 5' E. bet. secs. 15, and 16.
ascend along S. E. slope over broken ground
38.00 Top of ascent; thence over very broken ground, and ridges; on E. face of hills.
40.00 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. Cor., dug pits 18X18X12 ins. N. and S. of cor. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face,
61.50 Descend N. Slope.
66.00 Bottom descent; thence over low hills.
80.00 Deposit marked limestone 12 ins. in the ground for cor. of Secs. 9, 10, 15, and 16, dug pits, 18X18X12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high, over deposit. In S. E. pit drove an Oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked
T. 24 N. S. 10 on N. E.
R. 34 W. S. 15 on S. E.
S. 16, on S. W. and
S. 9 on N. W., with 4 notches on S. and 3 notches on E. Edges.

Chains

Land, very broken
Soil, Sandy, 4th rate.

S. 89°55' E., on a random line, bet. Secs 10, and 15.
40.00 Set temp. 1/4 Sec. cor.
80.16 Intersect N. and S. line 30 lks. N. of cor. of Secs. 10, 11, 14, and 15.
Thence I run
N. 89°42' W. on a true line bet. Secs. 10, and 15. along N. slope hills overrolling ground, ascending gently
40.08 Deposit marked limestone, 12 ins in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. E. and W. of cor., 4 ft. dist, and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove a cedar stake, 2 ft. long, 2 ins. Sq., 12 ins in the ground, marked
1/4 S. on N. face.
52.00 Top ascent, descend gently along N. W. slope
80.16 The cor. of Secs. 9, 10, 15, and 16.
Land, rolling.
Soil, Sandy 4th rate.

N. 0°5' E. bet. Secs. 9, and 10.
over basin like valley.
2.00 ascend abrupt S. E. slope
6.50 Top of abrupt ascent 60 ft. ascend E. face bluffs.
22.50 Top descend N. slope
34.00 Enter basin.
40.00 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor., 4 ft. dist, and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove a cedar stake 2 ft. long, 2 ins Sq., 12 ins in the ground marked
1/4 S. on W. face

Chains

Ascend S. slope.
72.75 Top of ascent on E. face ridge, descend gradually.
80.00 Set cedar post, 3 ft. long, 4 ins. Sq. with marked limestone 24 ins. in the ground, for cor. of Secs 3, 4, 9, and 10; marked
T. 24 N. S. 3 on N. E.
R. 34 W. S 10 on S. E.
S. 9 on S. W. and
S. 4 on N. W. faces, with 5 notches on S. and 3 notches on E. Edges; dug pits 18 X 18 X 12 ins. in each Sec. 4 ft. dist, and raised a mound of Earth 4 ft. base 2 ft. high, W. of cor.
Land, broken.
Soil, Sandy, 4th rate.

S. 89°42' E. on a random line bet. Secs 3, and 10.
40.00 Set temp. 1/4 Sec. cor.
80.12 Intersect N. and S. line at the cor. Secs. 2, 3, 10, and 11.
Thence I run
N. 89°42' W. on a true line bet Secs. 3, and 10. over rolling ground
30.00 Ascend gently along N. gentle slope,
40.06 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins E. and W. of cor., 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high over deposit.
In E. pit, drove a cedar stake 2 ft. long, 2 ins. Sq., 12 ins in the ground marked
1/4 S. on N. face.
63.00 Top of ascent on N. slope low ridge.
80.12 The cor of Secs. 3, 4, 9, and 10.
Land, rolling.
Soil, Sandy, 4th rate.
Nov. 4. 1899.

chains

N. 0° 5' E., bet Secs. 3 and 4.
over rolling ground.
3.00 Ascend S. E. Slope hills
6.00 Top of ascent, ascend along S. E. face.
21.00 Ridge - descend.
32.00 Ravine - E. and W. Ascend S. W. Slope.
40.00 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. Cor., dug pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove a cedar 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 W. face ridge, over broken ground
70.50 Descend, gradually.
84.80 Trail, course E. and W. at bottom descent over table land.
87.36 Intersect 6th Standard parallel at a point N. 89° 30' W. 18.20 chs. dist. from S. 1/4 Cor. Sec. 34 - Tp. 25 N., R. 34 W., where I set a cedar Post 3 ft. long 4 ins. sq., with marked limestone 24 ins. in the ground for closing cor. Secs. 3, and 4; marked
C. C. T. 24 N. R. 34 W. on S.
S 3. on E., and
S 4 on W. faces with 3 groves on E. and W. faces; dug pits 24 X 18 X 12 ins, crosswise on each line E. and W. 3 ft and S of post 7 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high S. of Cor.
Land, broken
Soil, Sandy, 4th rate.

Nov. 7. 1899.

chains

From the cor. of Secs. 4, 5, 32, and 33, on S. bdy of Tp. I run
N. 0° 4' E. bet. Secs 32, and 33.
Descend gradually, N. Slope
16.00 Enter rolling valley.
40.00 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In S. pit, drove an Oak Stake, 2 ft. long 2 ins. sq., 12 ins. in the ground, marked
1/4 S. on W. face.
45.00 Ascend abrupt S. Slope hills
50.50 Top of abrupt ascent; ascend S. face
72.00 Top of range 100 ft. above valley.
79.00 Descend.
80.00 Deposit marked limestone 12 ins. in the ground for cor. of Secs. 28, 29, 32, and 33. dug pits 18 X 18 X 12 ins. in each Sec., 4 ft. dist. and raised a mound of earth, 4 ft. base, 2 ft. high, over deposit.
In S. E. pit, drove an Oak Stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked
T. 24 N. S. 28 on N. E.
R 34 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, 4th rate.

S. 89° 49' E. on a random line bet. Secs. 28 and 33.
40.00 Set temp 1/4 Sec cor.
80.16 Intersect N. and S line 16 lks. N. of cor. of Secs. 27, 28, 33, and 34.
Thence I run
N. 89° 42' W. on a true line, bet Secs. 28 and 33
Descend gently.
3.00 Enter rolling ground, between hills.

Chains

10.00 Trail course N.W. and S.E.
19.80 Same Trail N.E. and S.W.
39.00 Same Trail, course N.W. and S.E.
40.08 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins., E. and W. of cor., 4 ft. dist., and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.
58.60 Ascend abruptly along N.E. slope.
62.00 Top of abrupt ascent, ascend gradually
80.16 The cor. of secs. 28, 29, 32 and 33.
Land rolling and broken.
Soil, Sandy, 4th rate.

N. 0° 4' E. bet Secs. 28 and 29.
Descend abruptly.
14.00 Bottom descent, over rolling ground
19.86 Trail, course N.W. and S.E.
30.00 Over low rolling hills.
40.00 Deposit marked limestone 12 ins in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor., 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove a cedar stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
43.00 Low ridge.
44.88 Trail, course N.W. and S.E.
74.35 Trail, course N.E. and S.W.
80.00 Deposit marked Stone, 12 ins. in the ground for cor. of secs. 20, 21, 28, and 29; dug pits 18 X 18 X 12 ins. in each sec. 4 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high, over deposit. In S.E. pit drove an Oak Stake 2 ft. long, 2 ins. sq. 12 ins in the ground, marked T. 24 N. S. 21. on N.E. R. 34 W. S. 28 on S.E.

Chains

S. 29. on S.W. and
S. 20 on N.W. faces, with 2 notches on S. and 4 notches on E. edges.
Land rolling and broken.
Soil, Sandy, 4th rate.

S. 89° 42' 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 23 lks S. of cor. of Secs. 21, 22, 27, and 28.
Thence I run
N. 89° 52' W. on a true line bet. Secs 21. and 28 along N. slope.
14.00 Descend N.W. slope.
17.00 Bottom, descent; thence over rolling foot hills
40.10 Deposit marked stone 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. E. and W. of cor., 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove an Oak Stake 2 ft. long, 2 ins. sq., 12 ins in the ground, marked 1/4 S. on N. face.
60.00 Ridge, descend.
72.00 Trail, course N.E. and S.W. - over rolling ground
80.20 The cor. of secs. 20, 21, 28 and 29.
Land, rolling.
Soil, Sandy 4th rate.

N. 0° 4' E. bet. secs. 20. and 21.
Descend N. Slope.
7.50 Bottom, over rolling ground.
8.50 Trail, along Railroad.
9.15 Wire fence, along Railroad
10.75 Center of Burlington and Missouri River Railroad, Course N. 70° W.
11.60 Telegraph Line.

Subdivision of T. 24 N., R. 34 W., - continued

chains

12.27 Wire fence along railroad.
29.00 Ascend low hills.
40.00 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins, N. and S. of cor. 4 ft. dist, and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove an Oak Stake 2 ft. long. 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
44.00 Descend over low hills
54.00 Bottom descent, ascend gradually,
80.00 Deposit a marked Stone, 12 ins. in the ground for cor. of Secs. 16, 17, 20 and 21; dug pits 18 X 18 X 12 ins. in each Sec. 4 ft. dist, and raised a mound of Earth, 4 ft. base, 2 ft. high, over deposit. In S.E. pit drove an Oak Stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked T. 24 N. S 16 on N.E. R. 34 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 notches on E. Edges.
Land, rolling,
Soil, Sandy, 4th rate.

S. 89° 52' E. on a random line bet. Secs. 16, and 21,
40.00 Set temp. 1/4 Sec. cor.
80.08 Intersect N. and S. line 44 lks. N. of cor. of Secs. 15, 16, 21, and 22.
Thence I run
N. 89° 33' W. on a true line, bet. Secs. 16, and 21.
Ascend gently along S. foot hills
15.00 Low ridge
19.00 Descend gently
37.50 Trail at bottom descent, course N.W. and S.E.
40.04 Deposit limestone 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins E. and W. of cor. 4 ft. dist, and raised a mound

Subdivision of T. 24 N., R. 34 W., continued

chains

of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove a cedar Stake 2 ft. long, 2 ins Sq., 12 ins. in the ground, marked 1/4 S. on N. face.
Ascend over low hills
80.08 The cor. of Secs. 16, 17, 20 and 21.
Land, rolling
Soil, Sandy, 4th rate.

N. 0° 24' E., bet. Secs. 16, and 17.
Ascend S. Slope over broken ground.
13.50 Top of ascent 130 ft. above valley; thence along E face bluffs.
30.00 Bottom of descent over low ridges.
37.90 Trail, - course N.W. and S.E.
40.00 Deposit marked limestone, 12 ins in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins., N. and S. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked 1/4 S. on W. face
over low ridges
80.00 Deposit marked limestone, 12 ins. in the ground for cor. of Secs. 8, 9, 16, and 17, dug pits 18 X 18 X 12 ins in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft. high over deposit.
In S.E. pit, drove an Oak stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked T. 24 N. S. 9 on N.E.
R. 34 W. S. 16 on S.E.
S. 17 on S.W. and
S. 8 on N.W. face, with 4 notches on S. and E. Edges.
Land, very broken
Soil, Sandy, 4th rate.
Nov. 2, 1899.

Chains

S. 89°33' E. on a random line bet. Secs. 9, and 16.

40.00 Set temp. 1/4 Sec. cor.

80.28 Intersect N. and S line 18 lks. S. of cor. of Secs. 9, 10, 15, and 16.

Thence Run

N. 89°41' W. on a true line bet. Secs. 9 and 16. over nearly level ground.

3.00 Ascend S. E. slope.

14.00 Top of ascent 70 ft., descend over broken ground

40.14 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of Earth, 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit drove an Oak stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked. 1/4 S. on N. face.

42.50 Ridge, ascend descend

52.40 Ravine, course N. and S., ascend

73.00 Top of ascent, descend gently

80.28 The cor. of secs 8, 9, 16, and 17.

Land, broken

Soil, Sandy, 4th rate.

N. 0°4' E., bet Secs., 8 and 9

over broken ridges and ravines

40.00 Deposit limestone 12 ins. in the ground for 1/4 Sec. cor.; dug pits. 18 X 18 X 12 ins. N. and S of cor.. 4 ft. dist raised a mound of Earth 3 1/2 ft base, 1 1/2 ft high, over deposit. In S. pit, drove a cedar stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked. 1/4 S. on W. face.

43.00 Ascend abrupt S. slope.

54.00 Top of ascent 100 ft. above 1/4 cor.; thence over very broken ground.

71.50 Descend N. slope.

80.00 Deposit marked limestone 12 ins. in the ground for cor. of secs 4, 5, 8, and 9; dug pits 18 X 18 X 12 ins. in

Chains

each Sec., 4 ft. dist. and raised a mound of Earth, 4 ft. base, 2 ft. high, over deposit. In S. E. pit drove an Oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked

T. 24 N. S. 4 on N. E

R. 34 W. S 9 on S. E

S. 8 on S. W.

S. 5 on N. W. faces with 5 notches on S. and 4 notches on E. Edges.

Land, very broken

Soil, Sandy, 4th rate

Nov. 6, 1899.

S. 89°41' E. on a random line bet. Secs 4 and 9.

40.00 Set temp. 1/4 Sec. cor.

80.00 Intersect N. and S. line 5 lks. N. of cor. of Secs. 3, 4, 9, and 10.

Thence I run

N. 89°39' W. on a true line bet. Secs 4 and 9.

Ascend N. E. slope

14.00 Top of ascent 50 ft above cor., descend over broken ground.

34.00 Bottom of descent, in basin, ascend

40.00 Deposit marked limestone, 12 ins in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins E. and W. of cor., 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove An Oak stake 2 ft. long, 2 ins. sq., 12 ins in the ground. marked 1/4 S. on W. face.

49.00 Top of ascent on S. face ridge - descend

61.60 Bottom descent, in ravine N. and S. ascend abrupt slope.

72.00 Top of ascent, over rolling ground

80.00 The cor. of secs. 4, 5, 8, and 9.

Land, very broken

Soil, Sandy, 4th rate.

Subdivision of T. 24 N., R. 34 W., continued.

Chains

N. 0° 48' E. bet. Secs 4, and 5.
Ascend abruptly.
19.00 Low ridge, descend gently over broken ground and ridge.
40.00 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. N. and S. of cor., 4 ft. dist. and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
44.50 Ravine, course N. W. and S. E. – descend.
80.00 Descend gradually along N. Slope.
83.50 Trail, – course E. and W.
87.60 Intersect 6th Standard Parallel at a point N. 89° 30' W. 17.45 chs. dist. from 1/4 Cor on S. of sec. 34, T. 25 N., R. 34 W. Deposit marked limestone, 12 ins. in the ground of closing cor. of Secs. 4, and 5; dug pits 24 X 18 X 12 ins., crosswise on each line S. E., and W., 4 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high, over deposit. In E. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked.
C. C. T. 24 N. R. 34 W. on S.
S. 4 on E. and
S. 5 on W. faces, with 4 groves on E. and 2 groves on W. faces
Land, broken.
Soil, Sandy, 4th rate.
Nov. 7, 1899

Subdivision of T. 24 N., R. 34 W. – continued

Chains

From the cor. of Secs. 5, 6, 31, and 32 on S. dy of Mp. I run
N. 0° 3' E. bet. Secs. 31, and 32,
over broken ground.
12.00 Descend N. Slope.
21.00 Enter rolling Valley.
40.00 Deposit charred stake 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins, N. and S. of cor., 4 ft. dist. and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit. In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face,
45.00 Ascend S. Slope.
55.00 Top of ascent, on S. face; thence over broken ground
65.00 Top of range, about E. and W.,
77.00 Descend N. face.
80.00 Deposit marked limestone 12 ins in the ground for cor. of Secs. 29, 30, 31, and 32; dug pits 18 X 18 X 12 ins. in each Sec., 4 ft. dist. and raised a mound of Earth 4 ft. base 2 ft. high, over deposit. In S. E. pit, drove an Oak stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked
T. 24 N. S. 29 on N. E
R. 34 W. S. 32, on S. E
S. 31 on S. W. and
S. 30 on N. W. faces, with 1 notch on S. and 5 notches on E. Edges.
Land, rolling and broken.
Soil, Sandy, 4th rate.

S. 89° 49' E., on a random line bet. Secs. 29 and 32,
40.00 Set temp. 1/4 Sec. cor.
80.00 Intersect N. and S. line 5 lks. S. of cor. of Secs. 28, 29, 32, and 33.
Thence I run
N. 89° 51' W. on a true line bet. Secs. 29 and 32,
ascend along N. E. slope hills.

Chains

Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor.; dug pits, 18 X 18 X 12 ins, E. and W. of cor., 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.

49.50 Top of range of hills; thence over broken ground,
66.50 Descend, N. face very broken ground.
80.00 The cor. of Secs 29, 30, 31 and 32.
Land very broken.
Soil, Sandy, 4th rate.

N 89° 49' W. on a random line bet. Secs. 30 and 31.
40.00 Set temp. 1/4 Sec. cor.
79.72 Intersect W. bdy of Tp. at the cor. of Secs. 25, 30, 31, and 36.
Thence I run
S. 89° 49' E. on a true line bet. Secs. 30 and 31.
Ascend along N. slope range.
39.72 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins E. and W. of cor., 4 ft. dist., 12 ins. in the ground, over deposit
In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
75.70 Top of hills, over broken ground.
79.72 The cor. of Secs. 29, 30, 31, and 32.
Land, broken.
Soil, Sandy, 4th rate.

N. 0° 3' E. bet. Secs. 29 and 30.
Descend abruptly.
20.00 Enter rolling valley land
40.00 Deposit marked stone 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist. and raised a

Chains

mound of earth 3½ ft. base, 1½ ft high over deposit.
In S. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S on W. face

47.50 Ascend S. slope range, abruptly.
50.50 Top of abrupt ascent, ascend S. face.
71.00 Top of high range of hills.
77.20 Ridge, descend abrupt.
78.50 Bottom, descent, on table land
80.00 Deposit marked stone 12 ins. in the ground for cor. of Secs. 19, 20, 29, and 30; dug pits 18 X 18 X 12 ins. in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft high, over deposit.
In S. E. pit, drove an Oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked
T. 24 N. S. 20 on N. E
R. 34 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 notches on E. edges
Land, broken.
Soil, Sandy, 4th rate

S. 89° 51' E. on a random line bet Secs. 20 and 29.
40.00 Set temp. 1/4 Sec. cor.
79.76 Intersect N. and S. line 16 lks. N. of cor. of Secs 20, 21, 28, and 29.
Thence I run
N. 89° 44' W. on a true line bet. Secs. 20 and 29. over rolling ground
15.00 Ascend low hills
18.50 Ridge or low hills, thence over foot hills
39.88 Deposit marked stone, 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. in E. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base, 1½ ft. high, over deposit.

chains

In E. pit, drove an Oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.
Ascend N. E. slope
60.00 Top of ascent; thence over broken ground.
79.76 The cor. of Secs. 19, 20, 29, and 30.
Land, rolling and broken.
Soil, sandy, 4th rate.

S. 89°49' W. on a random line bet. Secs. 19. and 30.
40.00 Set temp. 1/4 Sec. cor.
79.64 Intersect W. bdy of Tp. 9 lks. N of cor. of Secs 19, 24, 25, and 30.
Thence I run
S. 89°45' E. on a true line bet. Secs. 19. and 30.
Descend over low hills sloping N. E.
10.00 Bottom descent, ascend over ridges.
23.00 Ridge; thence along N. face hills.
39.64 Deposit marked stone, 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins E. and N. of cor., 4 ft. dist and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In E. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
42.00 ascend N. E. slope.
70.00 Top; thence over broken ground.
79.64 The cor. of Secs. 19, 20, 29, and 30.
Land, broken
Soil, sandy, 4th rate

N. 0°3' E. bet Secs, 19 and 20.
8.00 Descend N. slope, gradually.
28.30 Bottom descent, at trail parallel to Railroad.
30.50 Wire fence along Railroad.
32.08 Center of track Burlington and Missouri

chains

River Railroad on 1° curve, Course N. 89°54' W.
32.85 Telegraph line.
33.61 Wire fence along railroad
36.00 Ascend slightly over low hills.
40.00 Deposit marked stone, 12 ins in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor., 4 ft. dist; and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit.
In S. pit, drove a cedar stake 2 ft. long 2 ins. sq., 12 ins in the ground, marked 1/4 S. on W. face
64.00 Top of ascent, on ridge, course E. and W.; thence over ridge.
72.50 Descend from ridge.
80.00 Set a cedar post, 3 ft. long, 4 ins. sq. with marked stone 24 ins. in the ground, for cor. of Secs. 17, 18, 19, and 20, marked
T. 24 N. S. 17 on N. E.
R. 34 W. S 20 on S. E.
S. 19 on S. W. and
S 18 on N. W., with 3 notches on S. and 5 notches on E. edges; dug pits 18 X 18 X 12 ins in each sec., 5 1/2 ft. Dist. and raised a mound of Earth, 4 ft. base, 2 ft. high West of cor.
Land, broken
Soil, sandy, 4th rate.
Nov. 3. 1899.

S. 89°44' E. on a random line bet. Secs. 17, and 20.
40.00 Set temp. 1/4 Sec. cor.
79.72 Intersect W. and S line 25 lks. N. of cor. of Secs 16, 17, 20, and 21.
Thence I run.
N. 89°33' W. on a true line bet Secs. 17 and 20 along S. slope hills
2.00 Descend gradually.
17.00 Enter basin like valley, lays S. of line
39.86 Deposit charred stake, 12 ins in the ground

Subdivision of T. 24 N., R. 34 W., continued.

chains

for 1/4 Sec. cor., dug pits 18x18x12 ins. E. and W. of cor., 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit, drove an Oak Stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face

41.00 Ascend S.E. slope.

62.50 Top of ascent 50 ft. above 1/4 cor., descend gently

79.72 The cor. of Secs. 17, 18, 19, and 20.

Land, rolling

Soil, Sandy, 4th rate.

N. 89° 45' W. on a random line bet. Secs. 18 and 19

40.00 Set temp. 1/4 Sec. cor.

79.52 Intersect W. bdy of Tp. 16 lks. S. of cor. of Secs 13, 18, 19, and 24.

Thence I run

S. 89° 38' E. on a true line bet. Secs 18 and 19.

Ascend out of depression at foot of hills; Thence over low ridges.

37.00 Ascend gently

39.52 Deposit marked Stone, 12 ins. in the ground for 1/4 Sec. cor., dug pits 18x18x12 ins. E. and W. of cor., 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In E. pit drove a cedar Stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.

52.00 Top of ascent; thence along N. face hills

79.52 The cor. of Secs. 17, 18, 19, and 20.

Land, broken

Soil, Sandy, 4th rate.

N. 0° 3' E. bet. Secs 17 and 18,

Ascend S.W. Slope

30.00 Top. of ascent on W. face, range of hills

33.00 Descend N.W. face over broken ground.

Subdivision of T. 24 N., R. 34 W., continued.

Chains

40.00 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. cor., dug pits 18x18x12 ins. N. and S. of cor., 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit. In S. pit, drove an Oak Stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face.

49.00 Bottom descent, in ravine, course E. and W.; thence over deep ravines and ridges

78.00 Descend

80.00 Deposit marked limestone 12 ins. in the ground for cor. of Secs. 7, 8, 17, and 18; dug pits 18x18x12 ins. in each Sec., 4 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high, over deposit.

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

T. 24 N. S. 8 on N. E.,

R. 34 W. S. 17 on S. E.,

S. 18 on S. W., and

S. 7 on S. W. faces, with 4 notches on S. and 5 notches E. edges.

Land, very broken

Soil, Sandy, 4th rate

S. 89° 33' E. on a random line, bet. Secs. 8, and 17.

40.00 Set temp. 1/4 Sec. cor.

80.00 Intersect N. and S. line, 4 lks. N. of cor. of Secs. 8, 9, 16, and 17.

Thence I run

N. 87° 31' W. on a true line bet. Secs. 8 and 17.

Descend over rolling ground.

35.00 Bottom descent in basin; ascend along E. slope. bluff.

40.00 Deposit marked limestone, 12 ins. in the ground for 1/4 Sec. cor., dug pits 18x18x12 ins., E. and W. of cor. 4 ft. dist. and raised a mound of Earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit

Chains

In E. pit drove an Oak Stake 2 ft. long 2 ins. Sq., 12 ins. in the ground, marked 1/4 S. on N. face

48.00 Top of ascent 150 ft. on S.E. face sand bluff.

53.50 Descend along S. face ridge.

80.00 The cor. of Secs. 7, 8, 17, and 18.

Land, broken.

Soil, Sandy, 4th rate.

N. 89°38' W. on a random line bet. Secs. 7 and 18

40.00 Set temp 1/4 Sec. cor.

79.32 Intersect W. bdy. of Tp 16 lks S. of the cor. of Secs. 7, 12, 13, and 18.

Thence I run

S. 89°31' E. on a true line bet. Secs. 7 and 18.

Ascend over low hills sloping to S. W.

27.30 Top of ascent 50 ft., descend.

39.32 Deposit marked limestone, 12 ins in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.

In E. pit drove an Oak stake 2 ft. long, 2 ins. Sq., 12 ins. in the ground, marked 1/4 S. on N. face.

Ascend gently over low hills and ridges

79.32 The cor. of Secs. 7, 8, 17, and 18.

Land, rolling

Soil, sandy, 4th rate.

Nov. 6, 1899.

N. 0° 3' E. bet. Secs. 7 and 8.

Ascend gently over ridges.

31.00 Top of ascent, descend gently.

40.00 Deposit marked Stone 12 ins. in the ground for 1/4 Sec. cor., dug pits 18 X 18 X 12 ins. N. and S. of cor. 4 ft. dist and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.

Chains

In S. pit drove a cedar stake 2 ft. long 2 ins. Sq., 12 ins. in the ground, marked 1/4 S. on W. face

Ascend S.E. slope.

48.00 Top of ascent on E. Edge "Sand blow-out."

Over very broken ground.

67.00 Descend over ridges.

78.00 Descend from low ridge.

80.00 Deposit marked stone, 12 ins. in the ground for cor. of Secs. 5, 6, 7, and 8; dug pits 18 X 18 X 12 ins. in each Sec. 4 ft. dist. and raised a mound of earth, 4 ft. base 2 ft. high, over Deposit.

In S.E. pit, drove an Oak stake 2 ft. long 2 ins. Sq. 12 ins. in the ground, marked:

T. 24 N. S. 5 on N.E.,

R. 34 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.

Land, broken.

Soil, Sandy, 4th rate.

S. 89°31' E., on a random line bet. Secs. 5, and 8.

40.00 Set temp. 1/4 Sec. cor.

80.08 Intersect N. and S. line 13 lks. S. of cor. of Secs. 4, 5, 8 and 9.

Thence I run

N. 89°37' W. on a true line, bet. Secs. 5, and 8.

ascend along N.E. Ridge.

19.30 Ridge, course N.W. and S.E., descend over very broken ground.

40.04 Deposit marked Stone, 12 ins. in the ground for 1/4 Sec. cor.; dug pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.

In E. pit, drove an Oak Stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face.

Subdivision of T. 24 N., R. 34 W., continued.

Chains
54.00 Bottom of descent, in Basin, ascend. E. slope.
69.00 Top; thence over rolling ground.
80.08 The cor. of secs. 5, 6, 7, and 8.
Land, broken.
Soil, Sandy, 4th rate.

N. 89° 31' W. on a random line bet. secs. 6, and 7.
40.00 Set temp. 1/4 Sec. cor.
79.16 Intersect W. Bdy of Tp. 2 lks S. of cor. of Secs. 1, 6, 7, and 8.
Then I run
S. 89° 30' E. on a true line, bet. Secs. 6 and 7. over low hills.
38.70 ascend N. W. Slope low hills.
39.16 Deposit marked stone, 12 ins. in the ground for 1/4 Sec. cor.; pits 18 x 18 x 12 ins. E. and W. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit.
In E. pit, drove 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, 40 ft above 1/4 cor., ascend gently.
79.16 The cor. of secs. 5, 6, 7, and 8.
Land, rolling.
Soil, Sandy, 4th rate.

N. 0° 3' E. bet. secs. 5, and 6.
ascend over ridges
11.60 W. face ridge - descend gently over broken hills and ridges.
36.00 Descend N. Slope low hill.
40.00 Deposit marked stone, 12 ins in the ground for 1/4 Sec. cor.; dug pits 18 x 18 x 12 ins. N. and S of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit.
In S. pit, drove a cedar stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked
1/4 S. on W. face.

Subdivision of T. 24 N., R. 34 W., - continued

Chains
55.00 Bottom descent over table land.
61.60 Trail, course E. and W.
63.00 Descend river bank.
66.00 Dry bed. S. prong of S. Loup River, course E. and W. ascend
70.00 Top of ascent 20 ft. above river bed, thence over rolling ground.
87.88 Intersect 6th Standard Parallel at a point N. 89° 24 W., 17.48 chns. dist. from 1/4 cor. on S. of Sec. 33, T. 25 N., R. 34 W., where Deposit marked stone 12 ins. in the ground for closing cor. of Secs 5, and 6.; dug pits 24 x 18 x 12 ins. crosswise on each line, S. E. and W. of cor. 4 ft. dist. and raised a mound of Earth 4 ft. base, 2 ft. high, over deposit.
In E. pit, drove an Oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground marked
C. C. T. 24 N., R. 34 W. on S.
S. 5 on E. and
Se 6. on W. faces, with 5 grooves on E. and 1 grooves W. faces
Land, broken and rolling
Soil, Sandy, 3rd and 4th rate.
Nov. 7, 1899.

General Description T. 24 N. R. 34 W.
This Township is very broken. Especially that portion N. of Railroad where the ranges of hills are very irregular and broken - The portion S of Railroad the ranges are regular with narrow valleys between. Vegetation consists of sand grass. The S. Prong of the Loup River flows through N. edge of Township which is fed by springs - through dry season there is no water in S. Prong W. of Sec. 2. There is no land in this Township that can be used for agricultural purposes
Nov. 7, 1899.

Willard W. Alt.
U. S. Surveyor

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 .....

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

.....

.....

.....

..... of the .....

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

.....

United States Deputy Surveyor.

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

SEAL

APPROVAL.

General Land OFFICE OF THE UNITED STATES ~~SURVEYOR GENERAL~~,

Wash, D.C., June 30, 1900, ~~189~~

The foregoing field notes of the survey of Subdivision Lines of Township No. 24 North, Range 32 West

executed by Willard A. Alt, U.S. Surveyor under his contract No. ....., dated April 15, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Bruce Hermann

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

I ~~certify that the foregoing transcript of the field notes of the above described surveys in~~ ex-officio Surveyor General for Nebraska, has been correctly copied from the original notes on file in this office.

.....

United States Surveyor General.

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General Land Office • Original Field Notes

Book Number

777

W.W. Alt Subdivision of T 24 N - R 34 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.