General Land Office • Original Field Notes

Book Number

8

The images in this file are photographs of the notes of the original surveys of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The original surveys in Nebraska began in the mid 1850's and were completed in the mid 1880's. The Nebraska office of the Surveyor General was closed June 30, 1886.

1
S. P. N.
E
1/8

Contract No. 109

Field Notes

of the Survey of the First Standard Parallel between the 6th Principal Meridian and the Guide Meridian, in the Territory of Nebraska as Surveyed by

Chas A Manners
Deputy Surveyor

Under his contract dated March 28th 1856

Commenced June 14th 1856
Completed June 23d 1856

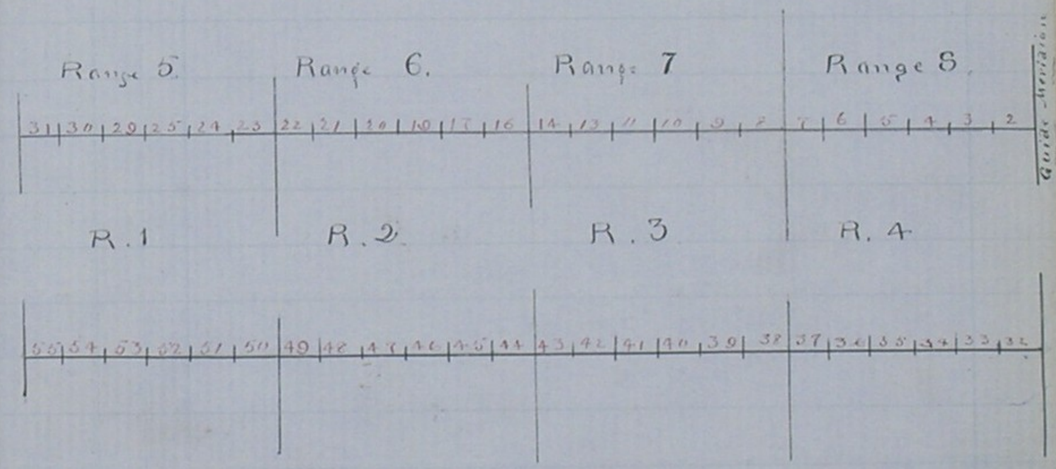
b

Names and duties of Assistants

out

Mason Crouch	Fore Chainmen
William Barry	
George J Turton	Rear Chainmen
William W R Clarke	
Thomas A Bones	Axeman
Samuel Stover	Fore-Flagman
Edward L Fant	Rear-Flagman

C



C

First Standard Parallel North

Begin on the Sixth Principal Meridian at the corner to Townships Four and Five North of the Base Line, Ranges One East and One West, from which corner, I run East on a random line (setting temporary posts at each half mile and mile respectively) and at 47 miles 56 chains and 1 link fell 631 links North of the stone set on the Guide Meridian at the corner to Townships 4 and 5 North, Between ranges 8 and 9 East

The correction there=fore will be 13 1/5 links south per mile nearly, and the true course necessary to retrace the Standard Parallel N. 89° 55' W.

The random line run East on the 14th. 15th. 16th. 17th. 18th and 19th days of June 1856

The measuring chains compared with the Standard at the end of each day and found correct.

First Standard Parallel North
R 8 E

From the corner on the Guide Meridian to Townships 4 and 5 North, between ranges 8 and 9 East of the Sixth Principal Meridian I run
Along the South boundary of Section 36 T5 N R 8 E
N 89° 55' W. on a true line

Variation 10° 06' East

(Note - The same variation is found to trace the Guide Meridian and Standard Parallel East therefrom.)

3 00 A drain, Course N E

38 50 A drain, Course North

40 00 Set a Granite Boulder 19 in. long 10 in. wide and 6 in. thick for a quarter section corner

small S

77 00 Drain, Course N E

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to Sections 35 and 36 T 5 N R 8 E

Large S.

Rolling prairie
Soil 3d rate

First Standard Parallel North
R 8 E.

Along the South boundary of Section 35 T5 N R 8 E
N 89° 55' W. on a true line

Variation 10° 06' East

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner - This corner stands on the dividing ridge between the waters of the Big Blue and Great Nemaha rivers bearing S 30° E and N 30° W

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 34 and 35 T 5 N R 8 E

High rolling prairie
Soil 2d rate

First Standard Parallel North
R 8 E

Along the South boundary of Section 34 T 5 N R 8 E
N 89° 55' W. on a true line

Variation 10° 18' East

40 00 Set a Granite Boulder 27 in. long 10 in. wide and 6 in. thick for a quarter section corner

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 33 and 34 T 5 N R 8 E

High prairie; gently rolling
Soil 2d rate

First Standard Parallel North
R 8 E

Along the South boundary of Section 33 T 5 N R 8 E
N 89° 55' W. on a true line

Variation 10° 33' East

5 50 Drain Course S 20° W

35 00 Drain Course South

40 00 Set a Granite Boulder (so hard that I could not mark it) 19 in. long 13 in. wide and 5 in. thick for a quarter section corner

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 32 and 33 T 5 N R 8 E

High prairie gently rolling
Soil 1st rate

Firt Standard Parallel North
R 8 E

Along the South boundary of Section 32 T 5 N R 8 E
N 89° 55' W. on a true line

Variation 10° 42' East

40 00 Set a Granite Boulder (so hard that I was unable to mark it) 16 in. long 14 in. wide and 8 in. thick for a quarter section corner

64 00 Drain, Course SW

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 31 and 32 T 5 N. R 8 E

High prairie, gently rolling
Soil: good 2d. rate

First Standard Parallel North
R 8 E

Along the South boundary of Section 31 T 5 N R 8 E
N 89° 55' W. on a true line

Variation 10° 55' East

5 15 Drain, Course South

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner

47 50 Drain, Course South

56 01 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Township 5 North, Ranges 7 and 8 East

Gently rolling prairie
Soil good 2d rate

5

First Standard Parallel North
R 7 E.

Along the South boundary of Section 36 T 5 N R 7 E
N 89° 55' W. on a true line

Variation 11° 30' East

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner

79 00 Drain, Course South

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 35 and 36 T 5 N R 7 E

High prairie; gently rolling
Soil 2d rate

Compared the measuring chains with the Standard and found them correct

June 19th 1856

First Standard Parallel North
R 7 E

Along the South boundary of Section 35 T 5 N R 7 E
N 89° 55' W. on a true line

Variation 11° 35' East

10 20 Drain, Course South

38 50 Drain, Course South

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner.

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 34 and 35 T 5 N R 7 E

High rolling prairie
Soil 1st rate

First Standard Parallel North
R 7 E.

Along the South boundary of Section 34 T 5 N R 7 E
N 89° 55' W. on a true line

Variation 11° 35' East

14 30 Drain Course N W

40 00 Set a post in a Mound - and deposited a charred stake as per instructions for a quarter Section corner

65 00 Left rolling land, and enter level bottom bearing N & S

72 50 Left prairie and enter timber bearing N & S

74 30 A Creek 20 links wide Course S 30° W

74 80 Left timber and enter prairie bearing NE & SW

80 00 Set a post, drove charred stake and dug trench as per instructions for a corner to Sections 33 and 34 T 5 N R 7 E from which
A Black Walnut 13 in. dia. bears S 89° E 522 links dist.
No other tree convenient to mark
First 65.00 Chains rolling — the remainder level
Soil 1st rate

First Standard Parallel North
R 7 E

Along the South boundary of Section 33 T 5 N R 7 E
N 89° 55' W. on a true line

Variation 11° 42' East

4 15 A Creek 20 links wide, Course N W
Enter timber on the left bank of the Creek bearing SE and N 60° W

6 00 Same Creek 20 links wide runs S 60° W

9 53 An Elm 14 in. dia.

10 70 Same Creek 20 links wide, Course N 15° E

12 00 Same Creek 20 links wide, Course South

12 50 A Spring branch 5 links wide runs S 20° E

13 00 Left timber & bottom, and enter rolling prairie bearing N 20° E and S 20° W

36 00 A drain Course SE

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter Section corner

51 00 Drain SE

76 30 Drain SW

First Standard Parallel North
R 7 E.

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 32 and 33 T 5 N R 7 E

First 13.00 Chains level bottom subject to inundation – the remainder rolling

Soil 1st rate

Timber; Burr Oak, Elm, Black Walnut and Hackberry

First Standard Parallel North
R 7 E.

Along the South boundary of Section 32 T 5 N R 7 E
N 89°55' W. on a true line

Variation 11°30' East

3 70 Drain, Course SE
21 00 Top of Ridge bearing N & S
29 00 Drain. Course South
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 31 and 32 T 5 N R 7 E

High rolling prairie
Soil 1st rate

First Standard Parallel North
R 7 E

Along the South boundary of Section 31 T 5 N R 7 E
N 89° 55' W. on a true line

Variation 12° 05' East

15 00 Drain Course NW
16 10 Same Drain Course SW
29 50 Same Drain Course NW
31 05 Same Drain Course SW
31 30 Same drain Course NW - Enter timber bearing N & S.
33 95 Same drain Course SW - Enter bottom Land bears N & S
36 00 Mouth of drain at its junction with a Creek - the Left bank bears North and S 85° W
38 00 Right bank of Creek - Course South - Water 20 links wide, banks high and steep, and the bottom miry
38 50 Left timber and enter prairie bearing N & S
40 00 Set a post and drove charred stake as per instructions for a quarter section corner from which
A Burr Oak 12 in. dia. bears S 32° E 222 links dist.

First Standard Parallel North
R 7 E.

A Black Walnut 10 in. dia. bears N 76° 10' E 203 links dist.
46 00 Left bottom and enter rolling land bearing N. and S.
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Township 5 North, Ranges 6 and 7 East
First 34.00 and last 34.00 Chains rolling - the balance level

Soil 1st rate

Timber; Elm, Box Elder, Cotton Wood and Hackberry

First Standard Parallel North
R 6 E

Along the south boundary of Section 36 T 5 N R 6 E
N 89° 55' W. on a true line

Variation 12° 33' East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 35 and 36 T 5 N R 6 E

Rolling prairie
Soil Good 2d rate

First Standard Parallel North
R 6 E

Along the South boundary of Section 35 T 5 N R 6 E
N 89° 55' W. on a true line

Variation 12° 07' East

35 40 Drain Course N 25° W

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter Section corner – On a ridge bearing N & S

51 00 Left hills and enter bottom bearing N & S

57 30 Drain Course South

62 00 Enter timber, left prairie, bearing N & S

65 79 White Hickory 14 in. dia.

66 30 Creek 25 links wide Course SE – Its general Course South

68 00 Left timber and enter prairie bearing N. & S.

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 34 and 35 T 5 N R 6 E

First 51.00 Chains rolling; soil 2d rate – the re=

First Standard Parallel North
R 6 E

=mainder Level; Soil 1st rate
Timber, Burr Oak, Elm, Black Walnut, Hackberry
and Hickory; good quality

First Standard Parallel North
R 6 E

Along the South boundary of Section 34 T 5 N R 6 E
N 89°55' W. on a true line
Variation 11°55' East

20 00 Leave bottom and ascend rolling Land bearing N & S
31 70 Drain Course South
38 50 Summit of a ridge bearing N & S
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner
46 00 Drain, Course South
53 00 Top of Ridge bearing N & S
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 33 and 34 T 5 N R 6 E
First 20.00 chains Level - the balance rolling
Soil; good 2d rate

First Standard Parallel North
R 6 E

Along the South boundary of Section 33 T 5 N R 6 E
N 89°55' W. on a true line

Variation 12°06' East

9 90 Drain Course South
36 20 Drain Course SW
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
48 50 Drain Course South
71 00 Drain Course SE
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 32 and 33 T 5 N R 6 E

Gently rolling prairie
Soil 2d rate

First Standard Parallel North
R 6 E

Along the South boundary of Section 32 T 5 N. R 6 E
N 89°55' W. on a true line

Variation 12°06' East

20 00 Top of a high ridge bears N. & S.
38 15 Drain, Course South
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner
43 90 Drain, Course South
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 31 and 32 T 5 N. R 6 E

High rolling prairie
Soil; good 2d rate

First Standard Parallel North
R 6 E

Along the South boundary of Section 31 T 5 N R 6 E
N 89° 55' W. on a true line

Variation 12° 00' East

16 70 Branch 10 links wide, Course SE – General Course S 20° W
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter Section corner
61 30 Drain, Course S 15° W
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Townships 5 North, Ranges 5 and 6 East

Gently rolling prairie
Soil; good 2d rate

First Standard Parallel North
R 5 E.

Along the South boundary of Section 36 T 5 N. R 5 E
N 89° 55' W. on a true line

Variation 11° 30' East

36 00 Drain, Course North
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter Section corner
74 35 Branch 15 links wide – bottom miry, banks skirted with Elm, Cotton Wood and Box Elder trees, Course South
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Sections 35 and 36 T 5 N. R 5 E.

Gently rolling prairie
Soil 1st rate

First Standard Parallel North
R 5 E.

Along the South boundary of Section 35 T 5 N. R 5 E.
N 89° 55' W. on a true line

Variation 17° 15' East

16 00 Top of a ridge bearing N 30° E and S 30° W

34 45 Indian Trail bearing NE and SW

35 90 Deep Dry hollow, Course S 10° W

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner

50 30 Drain, Course S 20° W

79 00 Leave rolling land and enter bottom bearing SE and N 85° W

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to Sections 34 and 35 T 5 N R 5 E

Rolling prairie
Soil; good 2d rate

First Standard Parallel North
R 5 E

Along the South boundary of Section 34 T 5 N R 5 E
N 89° 55' W. on a true line

Variation 17° 00' East

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter Section corner

June 20. 1856

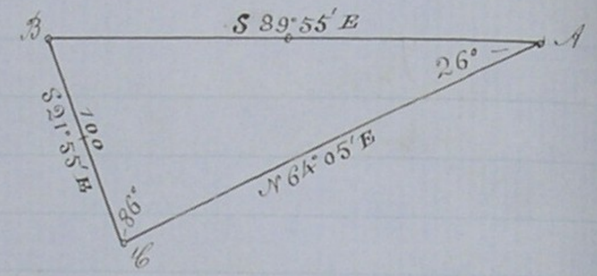
57 50 Leave prairie and enter timber bearing NW and SE

58 10 Bayou 60 links wide, water 3 feet deep, Course SE

59 15 Elm 16 in. dia.

61 58 Set a temporary post on the left bank of Big Blue river, bearing N & S – Source of Bayou 30 links north of line. To obtain the distance across the river I set a flag in line (N 89° 55' W.) on the right bank, from which I run S 21° 55' E 100 links distant to a station from which the post on the Left bank bears N 64° 05' E – Making the distance between the post on the left, and the flag on the right bank – 227 1/2 links

First Standard Parallel North
R 5 E



As - Sine of Angle A 26° = 9.641842

Is to Sine of Angle C 86° 9.998941

So is Base BC = 100 links — 2.000000

11.998941

9.641842

To side AB = 227½ links — 2.357099

63 85½ flag on right bank of Big Blue river

65 01 A Cotton Wood 10 in. dia.

67 29 Cotton Wood 14 in. dia.

68 26 Intersect right bank of river again bearing N E & S W. Set a temporary post.

To obtain the distance across I set a post in line on the left bank and measure North 05' East to a Station 200 links distant

First Standard Parallel North
R 5 E.

from which the post on the right bank bears S 62°31' E - making the distance between the posts on line = 386 links nearly

Nat: Tang: 62°31' + 5' = 62°36' = 1.9291956/2

To distance across = — = 3.8583912

72 12 Temporary post on left bank

75 78 Intersect the left bank of the river again bearing N & S - and set a temporary post - To obtain the distance across I set a flag in line on the right bank, and then measure north 05' East 100 links from the post on the left bank to a station from which the flag on the right bank bears S 67°33' W. making the acute angle adjacent the base = 67°33' - 0°05' = 67°28', and consequently the distance across 241 links

Nat: Tang: 67°28' = 2.4102465

78 19 flag on the right bank.

79 00 Leave timber and enter prairie bearing N W & S E

First Standard Parallel North
R 5 E

80 00 Set a post, drove charred stake and dug trench as per instructions for a corner to sections 33 and 34 T 5 N R 5 E from which

A Cotton Wood 30 in. dia. bears N 15° E 157 links dist.

A Cotton Wood 20 in dia bears N 16½° W 263 links dist.

No other trees convenient to mark

Big Blue river which runs through this section has an average breadth of about 240 links, and (at the present, the stream being swollen by rains) a depth of from four to five feet. The banks and bottom are sandy and miry. This river is not considered navigable

Land level; subject to inundation
Soil 1st rate
Timber; Cotton Wood, Elm, Maple, Black Walnut and Locust

First Standard Parallel North
R 5 E

Along the South boundary of Section 33 T 5 N R 5 E
N 89° 55' W. on a true line

Variation 10° 55' East

11 00 Leave bottom subject inundation and enter 2d bottom bearing NW and SE

40 00 Set a post in a Mound and deposited charred stake as per instructions for a quarter section corner

67 00 Left bank of a Creek (20 links wide) in a bend bearing SW and SE

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 32 and 33 T 5 N. R 5 E

Level bottom prairie
Soil 1st rate

First Standard Parallel North
R 5 E.

Along the South boundary of Section 32 T 5 N R 5 E
N 89° 55' W. on a true line

Variation 11° 05' East

34 00 Left bottom and ascend rolling prairie bearing N & S.

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner (on a ridge bearing N & S.)

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 31 and 32 T 5 N R 5 E

First 34.00 Chains level - the balance rolling
Soil 1st rate

First Standard Parallel North
R 5 E

Along the south boundary of Section 31 T 5 N. R 5 E
N 89° 55' W. on a true line

Variation 11° 05' East

7 00 Drain, Course South

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter to section Corner

45 20 Branch 20 links wide Course South - General Course S E.

64 95 same branch, 15 links wide, runs North. General Course N E

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Township 5 North, Ranges 4 and 5 East

Gently rolling prairie
Soil 2d rate

First Standard Parallel North
R 4 E

Along the South boundary of Section 36 T 5 N R 4 E
N 89° 55' W. on a true line

Variation 11° 15' East

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 31 and 32 T 5 N R 4 E

Rolling prairie
Soil; good 2d rate

First Standard Parallel North
R 4 E

Along the South boundary of Section 35 T 5 N R 4 E
N 89° 55' W. on a true line

Variation 11° 18' East

39 30 Drain Course N E

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner

75 80 Drain, Course N E

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 34 and 35 T 5 N R 4 E

Gently rolling prairie
Soil 2d rate

First Standard Parallel North
R 4 E

Along the South boundary of Section 34 T 5 N R 4 E
N 89° 55' W. on a true line

Variation 11° 51' East

38 00 Drain Course N E

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner

68 75 Drain Course North

77 00 Drain Course N E

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Sections 33 and 34 T 5 N R 4 E

High prairie; gently rolling
Soil, good 2d rate

First Standard Parallel North
R 4 E.

Along the south boundary of Section 33 T 5 N R 4 E
N 89° 55' W. on a true line

Variation 11° 10' East

35 00 Summit of Ridge dividing the waters of Big Blue river from those of Turkey Creek bearing N. and S.

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 32 and 33 T 5 N R 4 E

High prairie; Gently rolling
Soil 1st rate

First Standard Parallel North
R 4 E

Along the south boundary of Section 32 T 5 N R 4 E
N 89° 55' W. on a true line

Variation 11° 42' East

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner

48 50 Drain, Course North

60 90 Branch 6 links wide, Course North – General Course N.

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 31 and 32 T 5 N R 4 E

Gently rolling prairie
Soil 1st rate

First Standard Parallel North
R 4 E

Along the South boundary of Section 31 T 5 N R 4 E
N 89° 55' W. on a true line

Variation 12° 48' East

37 30 A branch 5 links wide, Course North

39 00 Left bank of same branch in a bend bears W. & S E

40 00 Corner in the branch, the left bank bearing E. & S W.

As the corner could not be permanently establish-ed in its true place, I select as the nearest suitable Witness point, a point 50 links north of the quarter section corner, where I set a post in a mound and deposited a charred stake as per instructions for a Witness corner

80 00 Set a post in a mound and deposited a charr-ed stake as per instructions for a corner to Town-ship 5 North, Ranges 3 and 4 East

High prairie; Gently undulating
Soil 1st rate

First Standard Parallel North
R 3 E

Along the South boundary of Section 36 T 5 N R 3 E
N 89° 55' W. on a true line

Variation 12° 55' East

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner

61 70 Branch 5 links wide, Course N 25° E

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Sections 35 and 36 T 5 N R 3 E

High prairie; gently undulating
Soil 2d rate

First Standard Parallel North
R. 3 E.

Along the South boundary of Section 35 T 5 N R 3 E
N 89° 55' W. on a true line

Variation 12° 25' East

15 00 Top of a ridge bearing N. & S.

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter Section corner. Compared the measuring chains with the Standard and found them correct

June 21. 1856

45 80 Drain, Course North

57 55 A branch 15 links wide, Course North – A few scattering Elms on it

80 00 Corner on steep bank of a drain. As the corner could not be permanently located at this point, I measure due North 30 links to the nearest suitable Witness point where I set a post in a Mound and deposited a charred stake as per instructions for a Witness Corner to Sections 34 and 35 T 5 N R 3 E –

Rolling prairie; Soil 2d rate

First Standard Parallel North
R 3 E

Along the South boundary of Section 34 T 5 N R 3 E
N 89° 55 W. on a true line

Variation 11° 30' East

13 50 Drain Course SE

32 25 Drain Course SE

40 00 Set a Flint Stone (too hard to mark) 21 in. long 12 in. wide and 12. in. thick for a quarter section corner

59 00 Dry hollow, Course South

62 70 Dry hollow, Course S 30° E

76 00 Dry hollow, Course South

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 34 and 33 T 5 N R 3 E

Broken and hilly prairie
Soil 3d rate

First Standard Parallel North
R 3 E

Along the South boundary of Section 33 T 5 N R 3 E
N 89° 55' W. on a true line

Variation 12° 00' East

4 90 Drain SE

29 60 Drain S 10° E

34 55 Drain SE

40 00 Set a Flint Stone (too hard to mark) 21 in. long 10 in. wide and 9 in. thick for a quarter section corner

63 90 Drain, Course SE

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 32 and 33 T 5 N R 3 E

High rolling prairie
Soil 2d rate

First Standard Parallel North
R 3 E.

Along the South boundary of Section 32 T 5 N R 3 E
N 89° 55' W. on a true line

Variation 11° 42' East

4 80 Drain, course North

40 00 Set a Granite Boulder 21 in. long 9 in. wide and 6 in. thick (too hard to mark) for a quarter section corner

42 10 Drain. Course NE

80 00 Set a Granite Boulder 20 in. long 9 in. wide and 7 in. thick (on S.E. side of a drain that runs NE) for a corner to sections 31 and 32 T 5 N R 3 E

Gently undulating prairie
Soil 1st rate

First Standard Parallel North
R 3 E

Along the South boundary of Section 31 T 5 N R 3 E
N 89° 55' W. on a true line

Variation 11° 30' East

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner

44 50 Indian Trail bearing N E and S W.

80 00 Set a post, deposited charred stake, dug trench and raised Mound of Stones as per instructions for a corner to Township 5 North, Ranges 2 and 3 East, from which
A lone Burr Oak 12 in. dia. bears S 82½° W 268 links dist.
No other tree convenient to mark

First 50.00 chains gently rolling; soil 1st rate
Balance hilly and broken, badly washed, sandy and extremely poor

First Standard Parallel North
R 2 E.

Along the South boundary of Section 36 T 5 N R 2 E
N 89° 55' W. on a true line

Variation 11° 45' East

4 45 Deep dry hollow Course N W
8 50 Ridge bearing N. and S.
28 00 Leave prairie and enter timber bearing N. and S.
30 60 Right bank of Turkey Creek, 30 links wide, Course North
40 00 Set a post and deposited a charred stake as per instructions for a quarter section corner from which
A Burr Oak 22 in. dia. bears S 2° 45' W 90 links dist.
A Burr Oak 24 in. dia bears N 83° W 206 links dist
42 00 Left timber and enter prairie bearing N. & S.
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 35 and 36 T 5 N R 2 E

First 30.00 chains rolling; Soil 2d rate
Balance level; Soil 1st rate
Timber; Burr Oak, Elm and Walnut. good quality.

First Standard Parallel North
R 2 E.

Along the South boundary of Section 35 T 5 N R 2 E
N 89° 55' W. on a true line

Variation 12° 00' East

33 00 Creek 25 links wide Course SE
37 00 Same Creek 25 links wide Course NE
40 00 Set a post and deposited charred stake as per instructions for a quarter section corner from which
An Elm 12 in. dia. bears S 21¾° E 130 links distant
A Burr Oak 26 in. dia. bears N 71¼° E 194 links dist.
46 70 A Burr Oak 12 in. dia.
47 00 Creek 20 links wide, Course SW - Its general course SE.
80 00 Set a post, and deposited charred stake, with trench as per instructions for a corner to sections 34 & 35 T 5 N R 2 E from which
A Burr Oak 9 in. dia. bears N 65° 20' W. 323 links dist.
No other tree convenient to mark

First 30.00 chs. level - Balance rolling; Soil 1st rate
Scattering Elm, Walnut, & Burr Oak Timber skirting the creek.

First Standard Parallel North
R 2 E.

Along the South boundary of Section 34 T 5 N R 2 E
N 89° 55' W. on a true line

Variation 13° 00' East

10 05 Creek 20 links wide runs North – Enter brushy bottom bearing N. and S. – This bottom subject to inundation

12 00 Leave brushy bottom, and enter level prairie not subject to overflow bearing N. and S.

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner

60 00 Leave level 2d bottom and ascend rolling land bearing NE and SW.

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 33 and 34 T 5 N R 2 E

First 60.00 Chains level, the Balance rolling
Soil 1st rate

First Standard Parallel North
R 2 E

Along the South boundary of Section 33 T 5 N R 2 E
N 89° 55' W. on a true line

Variation 12° 30' East

40 00 Set a post in a mound and deposited charred stake as per instructions for a quarter section corner

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 32 and 33 T 5 N R 2 E

Rolling prairie
Soil; good 2d rate

First Standard Parallel North
R 2 E.

Along the South boundary of Section 32 T5 N R2E
N 89° 55' W. on a true line
Variation 12° 20' East

0 90 Deep drain, Course SE
24 50 Left bank of a branch bearing SW. and SE
35 60 Branch (the same last noted) 15 links wide, Course SE.
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner.
65 30 Same branch 20 links wide, Course N 20° W
73 65 Same branch 15 links wide, Course SE.
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 31 and 32 T5N R 2 E

Level prairie
Soil 1st rate

First Standard Parallel North
R 2 E

Along the South boundary of Section 31 T5 N R 2 E
N 89° 55' W. on a true line
Variation 12° 18' East

5 00 A small grove or clump of trees in bend of branch bears North 100 links distant
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner
57 00 Drain, Course South
69 00 Drain, Course South
73 75 Drain, Course S 30° E
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Sections 31 and 36 Township 5 North, Ranges 1 and 2 East

High rolling prairie
Soil 2d rate

First Standard Parallel North
R 1 E

Along the South boundary of Section 36 T5N R1E
N 89°55' W. on a true line

Variation 12° 10' East

15 45 Drain Course SW

19 70 Drain Course SE

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner

46 15 Drain, course S 5° W

59 50 Drain, course South

72 20 Drain, Course S 25° W

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 35 and 36 T 5 N R 1 E

Gently rolling prairie
Soil 2d rate

First Standard Parallel North
R 1 E.

Along the South boundary of Section 35 T5N R1E
N 89°55' W. on a true line

Variation 12° 20' East

20 10 Deep drain Course South

30 00 Bend in a branch 100 links north of line bears N. & W.

33 60 A branch 15 links wide, Course South – Water in pools – banks and bottom miry. A few scattering Elm and cotton-wood trees skirting the branch

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner

Compared the measuring chains with the standard and found them correct

June 22d 1856

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Sections 34 and 35 T 5 N R 1 E

Rolling prairie; Soil good 2d rate

First Standard Parallel North
R 1 E

Along the South boundary of Section 34 T 5 N R 1 E
N 89° 55' W. on a true line

Variation 12° 30' East

0 20 Drain Course SE
20 40 Drain Course SE
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
63 45 Drain Course NE
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 33 and 34 T 5 N R 1 E

Gently rolling prairie
Soil, good 2d rate

First Standard Parallel North
R 1 E

Along the South boundary of Section 33 T 5 N R 1 E
N 89° 55' W. on a true line

Variation 12° 25' East

9 25 Drain Course N 20° E
19 80 Drain Course N 25° E
30 00 Summit of dividing ridge between the waters of Big and Little Blue rivers bearing N 20° W and S 20° E
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
55 20 Drain, Course S 25° W
70 10 Drain, Course South
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 32 and 33 T 5 N R 1 E

High prairie, gently undulating
Soil, fair 2d rate

First Standard Parallel North
R 1 E

Along the South boundary of Section 32 T 5 N R 1 E
N 89° 55' W. on a true line
Variation 12° 33' East

11 10 Drain Course South
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 31 and 32 T 5 N R 1 E

Gently undulating prairie
Soil, good 2d rate

First Standard Parallel North
R 1 E

Along the South boundary of Section 31 T 5 N R 1 E
N 89° 55' W. on a true line
Variation 12° 45' East

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
75 00 Leave rolling land and enter Walnut Creek bottom bearing N. & S.
80 00 Corner to Townships 4 and 5 North, Ranges 1 East and one West
Variation of the needle 12° 50' East
First 75.00 Chains rolling – the balance level
Soil; 1st rate

Compared the measuring chains with the standard and found them correct
June 23d 1856

First Standard Parallel North

A list of the Names of the individuals employed to assist in running, measuring and marking the lines and corners described in the foregoing Field Notes of the Survey of the First Standard Parallel North of the base Line, between the 6th principal Meridian and the Guide Meridian in the Territory of Nebraska, showing the respective capacities in which they acted:

Mason Crouch	Fore-Chainmen
William Barry	
George J. Turton	Rear Chainmen
William W. R. Clarke	
Samuel Stover	Fore Flagman
Edward L Fant Jr	Rear-flagman
Thomas A Bones	Axeman

First Standard Parallel North

We hereby certify that we assisted Charles A Maxwell deputy Surveyor in Surveying the First Standard Parallel in the Territory of Nebraska between the 6th Principal Meridian and the Guide Meridian east therefrom, (along the South boundary of Township 5 North of the Base Line), and that said Standard Parallel or correction line has been in all respects, to the best of our knowledge and belief, well and faithfully Surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General

Mason Crouch	Fore-Chainmen
William Barry	
George J. Turton	Rear-Chainmen
William W. R. Clarke	
Samuel Stover	Fore Flagman
Edward L. Fant Jr	Rear-Flagman
Thomas A Bones	Axeman

Subscribed and sworn to by the above named persons before me a Justice of the peace for the County of Otoe in the Territory of Nebraska this 2d day of July 1856

William B. Hall

Justice of the peace

First Standard Parallel North

I Charles A Manners, deputy Surveyor, do solemnly swear that, in pursuance of a contract with John Calhoun surveyor of the Public lands of the United States in the Territory of Nebraska, bearing date the 28th day of March 1856, and in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully surveyed the First Standard Parallel or correction Line, along the South boundary of Township Five north of the Base Line, between the 6th principal Meridian and the Guide Meridian in the Territory aforesaid, and do further solemnly swear that the foregoing are the true and Original Field Notes of such Survey.

Charles A Manners
deputy Surveyor

Subscribed by said Charles A Manners deputy Surveyor, and sworn to before me a Justice of the Peace for the County of Otoe in the Territory of Nebraska this 2d day of July 1856

William B Hall
Justice of the Peace

Surveyor Generals Office
Lecompton K.T. 19 Jany 1857

The foregoing field notes of the survey of the First Standard Parallel between the Sixth Principal Meridian and the Guide Meridian in the Territory of Nebraska executed by Charles A Manners, under his contract No 109 of the 28th March 1856 in the month of June 1856 having been critically examined the necessary corrections and explanations made the said field notes and the surveys they describe are hereby approved

J. Calhoun
Surveyor General

Field Notes
of the
First Standard Parallel
North of the
Principal Base Line

as Surveyed
by

Chas. A Manners

Deputy Surveyor

Commenced July 24th 1855
Completed August 4th 1855

Filed in Surveyor General's office
Leavenworth Aug 11. 1855

J. Calhoun
Surveyor General

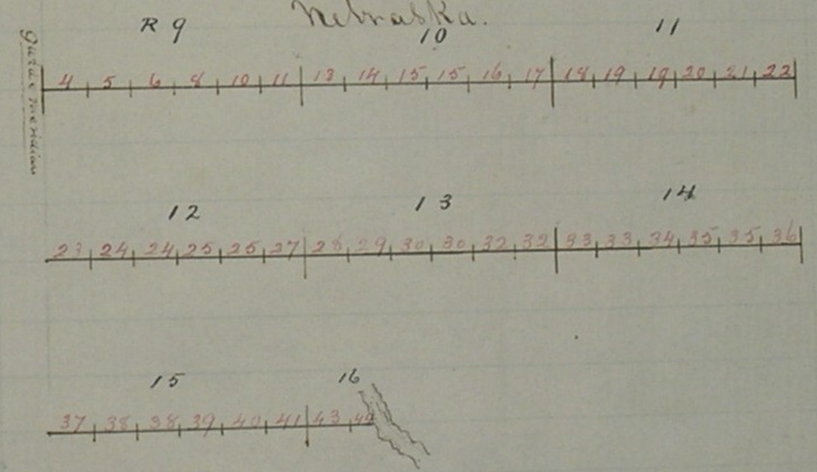
First Standard Parallel North.

List of Names.

A list of the names of the individuals employed to assist in running, measuring or marking the lines and corners described in the ~~foregoing~~ following field Notes of the First Standard Parallel north of the principal Base Line from its commencement at the corner to Townships 4 and 5 Ranges Eight and nine East of the 6th principal Meridian, showing the respective capacities in which they acted:

Robert L Ream Jr	Fore Chainmen
Cornelius B Keller	
Norman Diefendorf	rear-Chainmen
Elisha Diefendorf	
Joseph Wood	Fore-Flagman
George K Hoyt	rear-Flagman
Samuel E Forsyth	Axeman

First Standard Parallel North of the Principle Base Line in Nebraska.



First Standard Parallel - North

Begin at a Sandstone 18 in. long 12 in wide and 5 in. thick set on the Guide Meridian between Ranges 8 & 9 East of the 6th principal Meridian for a corner to Townships 4 & 5 North, Range 9 East, ~~and~~ marked with 6 notches on the East, South & North sides and also with the following letters and figures: to wit: on the East side "R. 9." - On the South side "T. 4." and on the North side "T. 5."

From said Corner stone

East on a true Line

Variation 9° 48' East

40 00 Set a Granite Boulder 13 in. long 9 in. wide and 6 in. thick for a quarter Section corner on the south boundary of Section 31 T 5 N R 9 E

80 00 Set a post in a Mound with 1 quart of Charcoal under the post for corner to Sections 31 & 32 T 5 N R 9 E

High rolling prairie with soil of 2d quality

First Standard parallel North - R 9 E

Along the South boundary of Sec. 32 T 5 N R 9 E.

East on a true line

20 00 A branch 8 links wide runs N.E.

26 75 Same 8 lks wide, Course S. E.

34 00 Enter timber on creek, bears N 10° W & S 45° E

34 23 A Cotton Wood 20 in. dia.

35 00 Creek 20 lks. wide runs S.E.

37 75 Same Creek 20 lks wide runs N.E.

39 33 An Elm 10 in dia. - This tree stands on the right bank of the aforesaid Creek which is here 20 links wide and runs S.E.

40 00 Set a post with a Charred stake under it 12 in. long for a Quarter Section corner from which

A Box Elder 14 in. diam. bears N 69½° W 23 lks dist.

An Elm 10 in. diam. bears S 39° E 54 lks dist.

Compared measuring Chains with the standard and found the same correct -

July 24th 1855

40 75 Same Creek again 20 lks wide and runs N E

First Standard parallel North - R 9 E

42 90 Same Creek 20 links wide runs S E - general course of this creek S.E. - Channel deep and miry

43 25 enter prairie, bears NW & SE

80 00 Set a post in a Mound with Charred stake under the post 12 in. long for a corner to Secs. 32 & 33 T 5 N R 9 E

Variation of the Needle 9° 50' East

The timber on the Creek consists of Black Walnut, Elm, Burr Oak, Box Elder and Cotton Wood - Trees quite scattering and scrubby with a thick matted undergrowth of Swamp-log-Wood, Prickly Ash, Wild-goose-berry, Green briers and Vines - The remainder of this section gently undulating prairie - good soil.

Along the south boundary of Sec. 33 T 5 N R 9 E

East on a true line

30 00 A branch 8 links wide (now dry) Course S.E.

40 00 Set a post in a Mound with 1 quart of Charcoal

First Standard Parallel North – R. 9. E.

under the post for a quarter section corner –

78 00 Enter scattering timber with a thick undergrowth of brush.

79 80 A Creek 30 links wide – good clear water, runs N.E

80 00 Corner in the Creek – As it is impossible to establish this corner permanently in its proper place I set a Witness post marked the same as if it had been placed at the true corner with a charred stake 12 in. long under the same, at a distance of 100 links due South from the true corner to Sec.s 33 & 34, T.5 N. R. 9. E. – From said Witness post

An Elm 9 in. dia. bears S 45½° W 87 links dist.

An Elm 18 in. dia. bears N 57½° E 45 links dist.

An Elm 14 in. dia. bears N 84° W 58 links dist.

A Syca 14 in. dia. bears S 74½° E 85 links. dist.

These trees being all south of the Standard parallel are marked with a "blaze and Notch only" as per written instructions

1st half mile rolling prairie good soil – last half mile mostly level soil first quality – Timber on the Creek Burr Oak, Black Walnut, Elm & Syca

First Standard Parallel North – R. 9. E.

of second quality with thick undergrowth of brush chiefly Black Walnut

---

Along the South boundary of Sec. 34 T. 5 N R. 9. E.

East on a true line

0.10 right bank of Creek

1 10 Same bank of Creek again which is here 40 lks wide and runs S.E.

4 00 Same Creek 35 lks wide, runs North

5 00 left timber and enter brush, bears S.W. & N.E

16 00 Enter timber on same creek again – bears N.W. & S.E

16 25 Right bank of same creek again which here comes from North & runs off S.E

17 75 struck the left bank of the Creek which here comes from N.W.

18 12 A Burr Oak 36 in. diam.

26 00 Same Creek again 40 links wide and runs N.E. General course of this stream N 60° E. Banks steep and high – Channel deep and miry

27 00 left timber and enter brush – bears S.W. & N 50° E.

First Standard Parallel North - R. 9. E.

30 00 Enter prairie bears SW and N 60° E

35 00 A branch 7 lks wide (now dry) runs NW. fringed with Scrub Burr Oak trees.

40 00 Set a post in a Mound with a Charred stake 12 in. long under the post for a quarter Section corner

69 00 Top of a ridge extending N 15° W & S 15° E

74 40 A dry ravine 80 lks wide - 15 feet deep and lined on each side with scrub Burr Oak trees, runs N 15° W

80 00 Set a Sandstone 21 in. long, 13 in. wide and 3 in. thick for a corner to Secs. 34 & 35 T 5 N R. 9. E.

Timber on the Creek Burr Oak, Elm Black Walnut and Box Elder of ordinary quality with a thick undergrowth of brush and Vines - First ½ mile level mostly in the creek bottom soil first quality - last 40 chs. dry rolling prairie broken by ravines soil 2d rate -

First Standard Parallel North - R. 9. E.

Along the South Boundary of Sec. 35 T. 5. N. R. 9. E.

East on a true line

5 00 A dry ravine fringed with scrubby burr Oak timber runs North

40 00 Set a post in a Mound with 1 quart of Charcoal under the post for a Quarter Section corner

79 60 A Cotton Wood 14 in diam. on the head of a dry ravine that runs N 70° E fringed with burr Oak, Elm and Cotton wood timber

80 00 Set a post with a charred stake under it 12 in. long for a corner to sections 35 and 36 T 5 N. R 9 E from which

A Cotton Wood 14 in. dia. bears West 38 lks. dist

" Burr Oak 8 in. dia. bears N 25½° W 28 lks dist

" Burr Oak 12 in. dia. bears N 20° E 134 lks. dist.

An Elm 14 in dia. bears N 47° E 116 lks dist.

No timber on the south side of the line and hence the bearing trees are all taken from the North.

Variation of the Needle 9° 45' East

First Standard Parallel North - R 9 E

Dry rolling Prairie soil 2d. quality

Compared measuring Chains with the standard and found one of them ½ inch too long. Adjusted the same to standard measure.

July 25th 1855

Along the south boundary of Sec. 36 T5N R9E East on a true line

Variation 9°45' East

4 76 Burr Oak 8 in. diam

15 00 A dry Ravine skirted with burr Oak timber runs SE - general Course East

19 20 Struck the left bank of a Creek (name unknown) 35 links wide - deep Channel - Muddy bottom - Comes from the SE and runs off East

19 89 An Elm 8 in. diam. on the edge of Creek

22 50 Right bank of the Creek again which here runs North East 25 links wide

27 00 Right bank of the Creek again which here comes from N 20° W and runs N 10° E

First Standard Parallel North - R 9 E

27 50 Left the Creek bank

35 00 Left the timber and enter thick brush - Hazel & vines East out-line of timber bears N. & S.

38 00 Enter prairie bearing N. & S.

40 00 Set a Limestone 23 in. long 9 in. wide and 3 in. thick for a Quarter Section corner

75 00 A branch 10 links wide fringed with Willows runs North West - General Course North. This branch now nearly dry

80 00 Set a limestone 24 in. long 16 in. wide and 2½ in. thick for a corner to Township 5 North, Ranges 9 and 10 East - This corner in low ground near a bend in the branch last crossed.

Variation of the Needle 9°45' East

First 20.00 Chains prairie except on the banks of the ravine & broken by ridges and gullies - Next 15 ch. level land in creek bottom with a first class growth of Burr Oak, Black Walnut and Red Elm timber - Remainder of this mile Rolling prairie - good soil -

---

First Standard Parallel North - R. 10. E.

Along the South Boundary of Section 31 T5N R 10 East

East on a true line

Variation 9°45' East

35 00 Enter scattering Burr Oak timber bearing N. & S.

39 80 A Branch 5 links wide (Now dry) runs North -

40 00 Set a post with a Charred stake under it 12 inches long for a quarter section corner from which

A Hickory 10 in. diam. bears N 25° E 3½ lks dist.

A Burr Oak 20 in diam. bears S 20° W 99 lks dist

52 00 left scattering timber and enter a arm of prairie which bears NW & SE

61 70 Right bank of a Creek in a bend - comes from NW.

64 00 left the same bank which here runs N.E.

This creek 60 links wide - Clear running water - Banks 20 feet high, and gravelly bottom.

80 00 Set a limestone 24 in long - 19 in. wide and 2½ in thick for a corner to Sections 31 & 32 T 5 N R 10 E.

First 20 Ch. rolling prairie soil good - The remainder of this mile broken by ravines and gullies, and covered with scattering scrub

First Standard Parallel North - R. 10. E

Burr Oak timber - soil poor except in the immediate vicinity of the last corner which ranks 1st rate -

---

Along the South boundary of Section 32 T5N R10E

East on a true line

15 25 A branch 7 links wide runs North 9.00 Chs. to its junction with a Creek - Two Chains north of the crossing of the line to the head of the timber on Ravine or branch

40 00 Set a Limestone 22 in. long 15 in. wide and 2 in. thick for a quarter section corner - This cor - in a hollow or drain that descends North

80 00 Set a Limestone 14 in. long 13 in. wide and 3 in. thick for a corner to sections 32 & 33 T5 N R 10 East - This corner on beautiful prairie sloping East

Rolling prairie soil 2d. quality

Variation of the Needle 9°30' East

First Standard Parallel North - R. 10 E.

Along the South boundary of Section 33 T 5 N R 10 E
East on a true line

20 25 A branch 20 links wide runs N 20° W

22 00 Same branch 20 links wide runs S 60° E

24 00 Same branch - width the same - comes from S W and runs N W

40 00 Set a Limestone 22 in. long, 17 in wide and 1½ in thick for a quarter section corner (on a Northerly slope in prairie)

79 00 Top of a High ridge in prairie which extends N. & S.

80 00 Set a Limestone 20 in. long, 12 in. wide and 2½ in. thick for a corner to Secs. 33 & 34 T 5 N. R 10 E

Variation of the Needle 9° 51' East
High rolling prairie, good soil

Along the South boundary of Sec. 34 T 5 N R 10 E
East on a true line

18 00 A slough or drain runs North East

40 00 Set a Limestone 23 in. long, 11 in. wide and 2 in.

First Standard Parallel North - R. 10 E

thick for a quarter section corner

44 00 a high ridge in the prairie extending S 50° W & N 50° E.

80 00 Set a Limestone 30 in. long 11 in. wide and 2 in. thick for a corner to sections 34 & 35 T 5 N R 10 E.
This corner on the south side of a Hollow or drain in the prairie that runs Easterly
Rolling prairie - Good tillable land

Along the South boundary of Section 35 T 5 N R 10 E
East on a true line

40 00 Set a Limestone 17 in. long, 7 in wide and 4 in thick for a quarter Section corner (on beautiful level prairie)

45 40 Spring branch 15 links wide runs N 50° E - A clear running stream - good water. Banks abrupt. Channel deep and bottom miry

80 00 Set a Sandstone 14 in. long 8 in. wide and 5 in. thick for a corner to Sections 35 & 36 T. 5. N. R. 9. E.
All prairie - First 50.00 Chs. gently undulating surface soil 1st rate - the last 30.00 Chs. a series

of deep hollows and stony ridges – soil sandy and poor

Variation of the Needle 10°20′ East

Compared measuring Chains with standard and found them correct

July 26th 1855

Along the South boundary of Section 36 T5N R10E East on a true line

Variation 10°20′ East

13 00 Top of a high ridge bearing N20°E and S20°W

39 40 A spring branch 10 links wide – channel 15 feet deep – steep banks and miry bottom runs North – Char – good tasted, running water

40 00 Set a Sandstone 16 in. long 12 in. wide and 5 in. thick (on the East bank of a branch) for a quarter section corner

80 00 Set a Sandstone 15 in. long, 14 in. wide and 9 in. thick for a corner to Township 5 North Ranges 10 and 11 East – In addition to the

notches required to be put on this stone, the following letters and figures were marked thereon: to wit: "T. 5." on the north side – "R 10" on the West side, and "R 11" on the East side,

Variation of the Needle 10°07′ East

First 50 chs. good tilable land – the last 30.00 chains ridged and broken. Soil sandy and poor

---

Along the South boundary of Section 31. T. 5. N. R. 11. E.

East on a true line

40 00 Set a Sandstone 18 in. long, 10 in. wide and 9 in. thick for a quarter section corner – This corner in a drain or slough that descends to the North East

80 00 Set a Sandstone 20 in. long 13 in. wide and 4 in. thick for a a corner to sections 31 & 32 T5 N R 11 East – This corner stands on the side of a hill sloping west

All prairie – Surface broken and hilly – soil

First Standard Parallel North. R.11.E.

of inferior quality - light and Sandy.

Along the South boundary of Section 32 T.5.N.R.11E
East on a true line

40 00 Set a Granite Boulder 28 in. long 15 in. wide and 6 in. thick for a Quarter Section corner.

80 00 Set a Limestone 23 in. long - 15 in. wide and 2½ in thick for a corner to Sections 32 & 33. T.5.N.R.11.E.-

All prairie - Soil of inferior Quality, light and sandy - Surface rolling

---

Along the south boundary of Section 33. T.5.N.R.11E
East on a true line

40 00 Set a Limestone 19 in. long 17 in wide and 2 in. thick for a quarter section corner

80 00 Set a Limestone 18 in. long 11 in. wide and 2½ in. thick for a a corner to sections 33 & 34 T5N R 11 East

Gently rolling prairie soil 2d. quality

First Standard Parallel North - R.11.E.

Along the South Boundary of Section 34 T 5 N R 11 E
East on a true line

40 00 Set a limestone 20 in. long 14 in. wide and 2½ in. thick for a quarter section corner

50 00 Mouth of a Creek from South West about 7 Ch.s south

54 00 enter brush which bears north and south - Hazel - briers and vines -

61 08 A Black Walnut 8 in. diam. - Enter timber which bears North & South

66 70 Creek, 60 links wide, 1½ feet deep running water and gravel bottom runs S.W.

68 00 struck the right bank of the Creek

69 70 right bank of same Creek 70 links wide water 2½ feet deep and runs N 35° E about 2 Chains and then turns Easterly and southerly

71 89 An Elm 9 in. diam.

73 70 Same Creek again - running water - rapid current - Rocky bottom and runs due south - Depth of water 14 in. & width 70 links - This

First Standard Parallel North - R 11 E

~~stream has a general East course from the line dividing ranges 8 & 9 East to the place of this crossing, but it here turns southward and appears to have a general course of S 15° E so far as can be seen from the line - a distance of several miles~~

80 00 Set a Limestone 27 in. long 9 in wide and 4 in. thick for a corner to sections 34 and 35 T 5 N R 11 East - (Soil 1st rate - prairie gently rolling - Timber on the creek. Black Walnut, Burr Oak and Elm of inferior quality - Compared measuring chains with the standard and found the same correct)

July 27th 1855

Along the South boundary of Section 35, T5N R11E East on a true line

Variation 10°25' East

40 00 Set a Limestone 20 in. long 13 in. wide and 3 in. thick for a quarter Section corner

~~58 00 Wagon Road from Leavenworth to Nebraska City leads N 55° E 855° N~~

80 00 Set a Limestone 20 in. long 13 in. wide and 3

First Standard Parallel North R 11 E.

in. thick for a corner to sections 35 and 36 T5 N. R 11 E.

(Rolling prairie - good tillable land - First half mile has an outcrop of limestones and granite boulders - On the South west quarter of section 35 in a ravine 7 chains north of the line a large body or quarry of Rock (conglomerate) composed of lime, sand and fossils -)

Along the South boundary of Section 36 T5N R11E East on a true line

40 00 Set a Limestone 25 in. long, 9 in. wide and 3 in. thick for a quarter Section corner

80 00 Set a Limestone 17 in. long 10 in wide and 4½ in. thick for a corner to Township 5 North Ranges 11 and 12 East - In addition to the ~~marks~~ notches required by the printed instructions to be placed on the East - West and North sides, this stone is marked with the letters and figures following: Viz: "R. 11." on the West -

First Standard Parallel North R 12 E

R.12. on the East and T.5. on the north

Variation of the Needle 9°55' East

Rolling prairie - Good tillable land but hardly 1st rate -

Along the South boundary of Section 31 T5 N R 12 E. East on a true line

Variation 9°55' East

40 00 Set a Limestone 27 in. long 12 in. wide and 3 in thick for a quarter Section corner

80 00 Set a limestone 26 in. long 10 in. wide and 3 in. thick for a corner to sections 31 & 32 T5 N R12 East

Gently rolling prairie - soil good from 1st. to 2d. rate

Along the South boundary of Section 32 T5 N R12 E. East on a true line

Variation 10° 33' East

23 85 - A miry slough or branch, water 10 lks. wide and runs South

First Standard Parallel North - R. 12. E

40 00 Set a Limestone 20 in. long, 14 in. wide and 2¼ in. thick for a quarter Section corner -

80 00 Set a Limestone 22 in. long, 12 in. wide and 3 in. thick for a corner to Secs. 32 & 33 T5 N R. 12 E.

Gently rolling prairie well adapted to agricultural purposes - soil good

---

Along the south boundary of Section 33 T5 N R12 E East on a true

Variation 10°30' East

40 00 Set a Limestone 20 in. long, 8 in. wide and 3 in. thick for a quarter section corner on the East side of prairie drain that runs South East

80 00 Set a Limestone 25½ in. long, 11 in. wide and 4 in. thick for a corner to sections 33 and 34 T5 N R 12 E - Gently rolling prairie soil 1st quality - well adapted to cultivation

---

First Standard Parallel North. R 12 East

Along the South boundary of Section 34 T5 N R 12 E

East on a true line

Variation 10° 03' East

40 00 Set a Limestone 20 in. long, 9 in. wide and 4 3/4 in. thick for a quarter section corner

80 00 Set a Limestone 16 in. long 12 in. wide and 3 in. thick for a corner to sections 34 and 35 T5 N R 12 East

High rolling prairie soil from 1st. to 2d quality

July 30th 1855

Along the South boundary of Sec. 35 T5 N R 12 E

East on a true line

Variation 10° 10' East

40 00 Set a Limestone 18 in. long 13 in. wide and 4 in. thick for a quarter section corner

54 00 left prairie and enter thick brush in branch bottom that bears N 65° E & S 65° W

57 50 A branch 10 links wide comes from SW & runs East.

First Standard Parallel North - R 12 E.

63 60 left the branch - Course N. E.

64 40 A Hickory 5 in. diam.

71 61 A Burr Oak

72 00 Right bank of same branch which here comes from North West

73 00 left same bank of branch - Course N. East.

78 45 A Burr Oak 15 in diam.

79 70 A branch 7 lks wide runs North - Sides lined with scattering burr Oak trees

80 00 Set a Sandstone 15 in. long - 10 1/2 in. wide and 5 in. thick for a corner to sec.s 35 & 36 T5 N R 12 E from which

An Elm 10 in. diam. bears N 9° E 28 1/2 links distant

A Burr Oak 16 in. dia. bears S 21° W 76 links distant

" Burr Oak 24 in. dia. bears N 76 1/2° W 120 links distant

" Burr Oak 30 in dia. bears S 40 1/2° E 109 links distant

First half mile beautiful prairie soil 1st quality, the remainder of this mile broken by branches and gullies and covered with brush - unfit for cultivation

First Standard Parallel North - R. 12 E.

Along the south boundary of section 36 T 5 N R 12 E.
East on a true line

Variation 10° 12' East

14 00 A dry ravine fringed scrub barr and Post Oak
Course N 15° West
32 06 Post Oak 14 in. diam
40 00 Set a Sandstone 14 in. long 10 in wide and 4½ in. thick for a quarter section corner from which
A Post Oak 13 in. dia. bears S 26½° W 21 lks dist.
Post Oak 16 in. dia. bears N 33° E 28 lks dist.
41 00 Ravine (now dry) runs N 15° W 80 lks. wide 15 ft. dep.
70 00 left brushy barrens and enter prairie which bears N 50° E and S 50° W
80 00 Set a Limestone 22 in. long 10 in. wide and 5 in. thick for a corner to Township 5 N. Ranges 12 & 13 East - Marked "T 5" on the North side - "R 12" on the west & "R 13" on the East side - also notched as per instructions -
First 70.00 chs. broken by ravines and gullies & covered with Hazel, Post Oak and Hickory brush interspersed with

First Standard Parallel North - R 13 E

scrubby barr Oak, Post Oak and Hickory trees.
soil of inferior quality, unfit for tillage -
last 10 chs. first rate prairie

Variation of the Needle 10° 12' East

Along the South boundary of section 31 T 5 N R 13 E
East on a true line

Variation 10° 12' East

40 00 Set a Sandstone 11 in. long 8½ in. wide and 6 in. thick for a quarter section corner
46 00 enter timber bearing NW and S 60° E
49 00 Right bank of a Creek that comes from North West and runs East
56 25 left the Creek 20 links and runs north
57 50 Same Creek 20 links wide runs S.E.
66 20 Same Creek 20 links wide. Course North.
68 26 Same Creek 20 links wide comes from NE & runs S east.
70 50 struck same Creek in a bend - width the same - comes from S.W. and runs S.E. This stream has an ordinary depth of channel - clear running water and miry bottom - General Course S 60 E

First Standard Parallel North. R 13 E.

75 00 left timber and enter prairie which bears N 30° W & S 70° E

80 00 Set a Limestone 20 in. long 11 in. wide and 3 in. thick for a corner to sec.s 31 & 32 T 5 N. R 13 E.

First 45.00 Chs. gently rolling prairie soil 1st rate. The remainder of this mile chiefly in the creek bottom, soil deep and rich, and covered with an average growth Burr Oak, Elm and Black Walnut timber — Thick undergrowth of Hazel and vines —

Along the South boundary of Section 32 T 5 N R 13 E East on a true line

Variation 10° 15' East

40 00 Set a Limestone 19½ in. long 12 in. long and 2½ in. thick for a quarter section corner

80 00 Set a Limestone 20 in. long 11 in. wide and 2½ in thick for a corner to sec.s 32 & 33 T 5 N. R 13 E

Rolling prairie good tillable land

First Standard Parallel North — R 13 E

Along the South boundary of Section 33 T 5 N R 13 E East on a true line

Variation 10° 33' East

40 00 Set a Limestone 19 in. long 10 in. wide and 3½ in. thick for a quarter section corner —

80 00 Set a Limestone 16 in. long 11 in. wide and 4½ in. thick for a corner to sec.s 33 & 34 T 5 N R 13 E

High rolling prairie soil sandy 2d quality.

Along the south boundary of Section 34 T 5 N R 13 E East on a true line

Variation 10° 48' East

27 75 A Creek 30 links wide bears North & S 50° E — A clear running stream general course South East. On the East bank of this creek enter a grove of timber bearing same as the creek —

31 40 Same creek 30 lks wide runs North

32 80 Same creek 30 lks wide runs S E.

37 60 Same Creek 30 lks wide runs North

38 30 Same Creek 40 lks wide runs S 10° W about ½ mile and

First Standard Parallel North R 13 E

then resumes its general course of S 50° E

39 00 left the timber bears North and S 10° W

40 00 Set a Limestone 15 in. long 12 in. wide and 3¾ in. thick for a quarter section corner

57 80 A branch 15 lks wide runs South fringed with bushes and scattering Elms

80 00 Set a Limestone 19 in. long 11 in. wide and 3 in. thick for a corner to Secs. 34 & 35 T 5 N R 13 E

First 25.00 chs. dry rolling prairie good land. The remainder of the first half mile a Creek bottom soil deep and rich, and covered with a fair growth of Black Walnut, Burr Oak, Elm, Hackberry and Coffee-nut timber - Next 20.00 chs second bottom, level prairie soil 1st quality. Balance of this mile rolling prairie, good tillable land.

Compared the measuring Chains with the standard and found the same correct.

July 31st 1855

First Standard Parallel North R 13 E

Along the South boundary of Section 35 T 5 N R 13 E East on a true line

Variation 11° 18' East

40 00 Set a Limestone 17 in. long 10½ in. wide and 2½ in. thick for a quarter section corner

44 25 A branch 5 lks wide runs South

77 00 A Wagon Road runs N 10° W and S 10° E

80 00 Set a Limestone 23 in. long 10 in. wide and 2½ in. thick for a corner to Secs. 35 & 36 T 5 N. R 13 East

Dry rolling prairie good tillable land,

Along the South boundary of Sec. 36 T 5 N R 13 E East on a true line

40 00 Set a Limestone 15½ in. long 12 in. wide and 3½ in. thick for a quarter section corner.

80 00 Set a Limestone for a corner to T. 5. N. Ranges 13 and 14 East - Marked "T 5" on the North - "R 13" On the west and "R 14" on the East

Rolling prairie 1st ½ mile 1st rate land - last ½ mile 2d quality

First Standard Parallel North. R 14 E

Along the South boundary of Sec. 31 T5 N R 14 E
East on a true line
Variation 11° 20' East

40 00 Set a Limestone 19 in. long 12 in. wide and 2½ in. thick for a quarter section corner

71 00 A branch 15 links wide (now nearly dry) runs N 7° W. Channel deep & miry and banks lined with scattering Elms

80 00 Set a Limestone 16 in. long 10½ in. wide and 3½ in. thick for a corner to Secs. 31 & 32 T5 N R 14 E
Rolling prairie with alternate ridges and hollows - soil from 1st to 2d quality

---

Along the South boundary of Sec. 32 T5 N R 14 E
East on a true line

40 00 Set a Limestone 15½ in. long 12½ in. wide and 3½ in. thick for a quarter section corner, which stands on the south side of a slough that drains S 75° W

First Standard Parallel North. R 14 E.

68 00 Top of a high ridge in prairie bearing S 10° E and N 10° W

80 00 Set a Limestone 25 in. long 12 in. wide and 2 in. thick for a corner to Sections 32 & 33 T5 N R 14 E -
Gently rolling prairie soil 1st rate

Along the South boundary of Section 33 T5 N R 14 E
East on a true line
Variation 11° 20' East

40 00 Set a Limestone 18 in. long, 13½ in wide and 3 in. thick for a quarter section corner, which stands on the side of a hill sloping East.

58 00 A branch 7 links wide from N.W. runs East.

64 00 left same branch - Course North East

71 00 Same branch 7 lks wide runs S E - - fleet running water - branch bottom miry

80 00 Set a Limestone 19 in. long 10½ in. wide and 3 in. thick for a corner to Sections 33 & 34 T5 N R 14 East - Rolling prairie soil 1st quality.

First Standard Parallel North. R14E.

Along the South boundary of Sec. 34 T5N R14E
East on a true line

Variation 11° 20' East

20 00 A small grove on a branch bears South 1100 lks.
40 00 Set a Limestone 15 in. long 10 in. wide and 4 in. thick for a quarter section corner - This corner 9 chs. north of the branch last named
80 00 Set a Limestone 21 in. long 7½ in. wide and 5 in. thick for a corner to sections 34 & 35 T 5 N R 14 E
Gently undulating prairie - soil 1st. quality

Along the south boundary of Sec. 35 T5N R14E
East on a true line
40 00 Set a Limestone 17 in. long 16 in. wide and 2 in thick for a quarter section corner.
57 15 A Creek 25 links wide - banks lined with small groves of timber runs N 20° E - general course N 50° E - banks high & bottom miry - a clear running stream -

First Standard Parallel North R14E.

57 41 Black Walnut 22 in. diam.
58 23 Two Elms from one root (each) 6 in diam.
80 00 Set a Limestone 25 in. long 14 in. wide and 3 in. thick for a corner to sections 35 & 36 T 5 N R 14 East - This corner on the side of a hill sloping west
First 50.00 and last 5 chs rolling prairie - the remainder level - soil 1st rate

---

Along the south boundary of Sec. 36 T5N R14E
East on a true line
40 00 Set a Limestone 20½ in. long 13 in. wide and 2 in. thick for a a quarter section corner
80 00 Set a Limestone 22 in. long 13 in. wide and 2 in. thick for a corner to Township five North Ranges 14 & 15 East - Marked "T 5" on the North side - "R 14" on the West side, and "R 15" on the East side
Variation of the Needle 11° 21' East

First Standard Parallel North. R14E.

All prairie, hilly and broken – second rate land.

Compared measuring Chains with the Standard and found the same correct

August 1st 1855

Along the South boundary of Section 31 T5N R15E East on a true line

Variation 11° 21' East

40 00 Set a Limestone 29 in. long 8 in wide and 2½ in. thick for a quarter section corner.

43 00 Left upland and enter prairie bottom bearing N 50° W & S 50° E

77 30 A branch 15 links wide runs N 40° W – general course N 70° E

80 00 Set a Limestone 19 in. long 12 in. wide and 2½ in. thick for a corner to sections 31 & 32 T5 N. R 15 East

First ½ mile rolling prairie good soil – The remainder 2d bottom prairie 1st rate land.

First Standard Parallel North – R15E.

Along the South boundary of Section 32 T5 N. R15E. East on a true line

40 00 Set a Limestone 15 in. long 13 in. wide and 2½ in. thick for a quarter section corner

65 60 An Indian Trail runs S 55° E and N 55° W

80 00 Set a Limestone 17½ in. long 16 in. wide and 2 in. thick for a corner to sections 32 & 33 T5 N. R 15 E. Level prairie, Soil 1st quality.

Along the South boundary of Section 33 T5 N R15E. East on a true line

13 40 A Wagon Road leads N 20° E and S 20° W

24 20 A Wagon Road leads N 40° W and S 40° E

38 00 A bend in little Nemaha River 2.00 Chains North of the line – right bank of river bearing N 20° W and N 60° E

40 00 Set a Limestone 16 in. wide – 15 in. long and 2½ in. thick for a quarter section corner.

63 43 An Elm 22 in. diam. – Enter timber bearing N 10° W and South

First Standard Parallel North – R 15 E.

70 16 Elm 20 in. diam.

73 57 An Elm 48 in. diam.

74 11 An Elm 16 in. diam.

76 75 Intersected the right bank of Little Nemaha River which bears N 25° W and S 20° W – general course of this river S 50° E – Its channel at the crossing of the line 120 links – Water 12 feet deep – bottom muddy and current rapid.

78 00 Enter low prairie bearing N 25° W and S 20° E.

80 00 Set a Limestone 21 in. long, 10 in wide and 4 in. thick for a corner to sections 33 and 34 T 5 N R 15 East – Robt. Hearn's house bears N 17° E Level land soil 1st. quality – Timber on the creek Black Walnut, Elm, Hackberry and Box Elder – good quality.

Along the South boundary of Section 34 T 5 N R 15 E East on a true line

Variation 11° 21' East

32 00 left bottom & enter upland prairie bearing N & S.

First Standard Parallel North – R 15 E

40 00 Set a Limestone 17 in. long 13½ in wide and 3 in. thick for a quarter section corner

50 00 Robert Hearn's cabin bears N 19¾° W
Hoover's Mill (now being built) S 28¾° E
Daniel Covert's House S 54° E
Mouth of Little Nemaha River S 50° E

80 00 Set a Limestone 21 in. long 11 in. wide and 3½ in. long for a corner to Sections 34 and 35 T 5 N R 15 E
Level prairie Soil 1st rate

Along the South boundary of Section 35 T 5 N R 15 E East on a true line

5 50 Wagon Road leads S 10° E and N 10° E

8 50 enter a swamp the west line of which bears N & S

16 00 left Swamp bearing N & S – enter upland prairie.

40 00 Set a Limestone 16½ in long 9½ in. wide and 4 in. thick for a quarter section corner – From this corner the Mouth of little Nemaha river bears S 36° E. and N. G. Titus's

First Standard Parallel North. R 15 E.

House bears S 63½° E.

Compared measuring chains with the standard and found the same correct

August 2d. 1855

41 00 A Wagon Road leads N 60° W and S 60° E

73 20 N. G. Titus's House bears S 77° W

Thos. Skeen's House bears S 59° E

80 00 Set a Limestone 21 in. long 13 in. wide and 2½ in. thick for a corner to sections 35 & 36 T 5 N R 15 E

Gently Rolling prairie soil 1st quality

Along the South boundary of Sec. 36 T 5 N R 15 E East on a true line

5 63 Enter Thos. Skeen's field bearing N 5° E & S 35° W

28 04 Left same field at its North East corner the outlines from this point bearing S 5° W and N 5° E

28 30 Wagon Road leading North & South

40 00 Set a Limestone 18 in. long 11 in. wide and

First Standard Parallel North. R 15 E.

4 in. thick for a quarter section corner.

From this corner Hoover's Mill bears S 56° W

Skeen's House bears S 40° W

Daniel Covert's House bears S 1° W

and a group of Houses in Omaha City bears S 18° E

Allen L. Coates House bears S 58° E

53 10 An Indian trail bears N 10° W and S 10° E

56 40 William Weddle's House bears N 31½° E about ¾ of a mile

62 40 A branch 5 links wide runs S 30° W

65 50 A Wagon Road leading N 30° W and S 30° E

80 00 Set a Limestone 17 in. long 8 in. wide and 6 in. thick for a corner to Township 5 North, Ranges 15 and 16 East – Marked "T. 5." on the North – "R 15" on the west and "R. 16" on the East.

Variation of the Needle 11° 15' East

First ½ mile level prairie the 2d. one rolling – Soil 1st. quality –

First Standard Parallel North. R 16 E

Along the South boundary of Section 31 T5 N R16 E
East on a true line
Variation 11° 15' East

12 80 A wagon Road leads N 20° E and S 20° W
25 00 Enter timber bearing N & S
27 95 A Burr Oak 26 in. diam.
40 00 Set a Limestone 17 in. long 9 in. wide and 5 in thick for a quarter section corner from which a
Black Oak 28 in. diam. bears N 30½° W 86 lin Rs dist.
Lynn 24 in. diam bears S 37° E 64 lin Rs dist.
49 00 Left the bluffs and enter Missouri River bottom bearing N 10° E and S 10° W – at the same point crossed a Road leading from Nemaha City to Brownsville running parallel with the bluffs
80 00 Set a Limestone 17 in. long 12 in. wide and 3 in. thick for a corner to sections 31 & 32 T5 N R 16 East
First 25.00 Chains rolling prairie soil 1st rate.

First Standard Parallel North R 16 E.

The remainder of the 1st. ½ mile and first 9.00 Chains of the last ½ mile broken and hilly, and covered with a fair growth of Spanish Oak, Black Oak, Burr Oak, Hickory, Lynn and Elm timber – Remainder of this mile level prairie in river bottom. soil 1st rate but subject to inundation

---

Along the South boundary of Section 32 T5 N R 16 E
East on a true line
24 80 Intersected the west or right bank of Missouri River bearing N 35° E & S 30° W – The river at this point being about 3/4 of a mile wide – Eighty links due west of this point of intersection I select as a suitable point, and establish a Marginal or meander corner for the South East corner of fractional section 32 T5 N R 16 E by planting a Limestone 17 in. long 8 in. wide and 5 in. thick marked with the following letters and figures

Meander Corner
24.00

First Standard Parallel North, R.K.E.
on the North side: to wit: "F.S. 32. T.5."

Variation of the Needle 11°18' East
Level bottom prairie soil 1st quality –
Subject to inundation

Compared the measuring Chains with the standard and found them correct

August 3d 1855 –

General Description

A very large proportion of the country is prairie – the soil comparatively poor on and about the Guide meridian ~~and~~ but improves gradually as the missouri river is approached – The timber generally is low and scrubby, the trunks hardly long enough to make rails ~~except~~ on the Little Nemaha river and the bluffs of the Missouri River – The Rock found is

First Standard Parallel North –
Chiefly limestone, but it exists only on the large streams – No coal or metal of any Kind was discovered whilst running this line

List of Names.

We hereby Certify that we assisted Charles A Manness, deputy Surveyor in surveying the first Standard parallel or Correction Line North of the Principal Base Line from its beginning point on the Guide Meridian between Ranges Eight and Nine East – Townships 4 and 5 North, East to the Missouri River, and that said Standard Parallel or correction line has been in all respects, to the best of our Knowledge and belief, well and faithfully Surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General

First Standard Parallel North-

Robt. L. Ream Jr. } Fore Chainmen
Cornelius B Fuller }
Elisha, Diefendorf } rear- Chainmen
Norman Diefendorf }
Joseph wood } Fore- Flagman
George W. Hoyt } Rear- Flagman
Samuel E. Forsyth Axeman

Subscribed and sworn to by the above named persons, before me, a Justice of the Peace for the County of Nemaha in the Territory of Nebraska, this Fourth day of August 1855

Richard P. Whitney
Justice of the peace

I Charles A Manners deputy Surveyor do solemnly swear that in pursuance of a contract with John Calhoun Surveyor of the public lands of the United

First Standard Parallel North-

States in the Territory of Nebraska, bearing date the 2 th day of April 1855 and in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor general. I have faithfully surveyed the first Stand and parallel or correction line North of the principal base (using Burts Solar Compass to determine the variation of the Needle and run said line) in the Territory aforesaid, and do further solemnly swear that the foregoing are the true and Original field notes of such Survey

Charles A Manners
Deputy Surveyor

Subscribed by said Charles A Manners, deputy Surveyor and sworn to before me, a Justice of the peace for the County of Nemaha in the Territory of Nebraska, this 4th day of August 1855

Richard P. Whitney

Surveyor's Office
at Leavenworth August 28. 1855

The foregoing field notes of the Survey of the first Standard Parallel North of the Base Line in Nebraska Territory, between the Guide Meridian and the Missouri River executed by Charles A. Manners, under his contract of the 27th day of April 1855. in the months of July and August 1855. having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

F. Gaither
Surveyor General of
Kansas & Nebraska

General Land Office • Original Field Notes

Book Number

8

The images in this file are photographs of the notes of the original surveys of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The original surveys in Nebraska began in the mid 1850's and were completed in the mid 1880's. The Nebraska office of the Surveyor General was closed June 30, 1886.