General Land Office • Original Field Notes

Book Number

10

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.

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S. P. N.
E.
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Field Notes

of the Survey of the Third Standard Parallel North of the Base Line, Between the 6th Principal Meridian and the Guide Meridian East therefrom in the Territory of Nebraska, as Surveyed by

Chas A Manners
Deputy Surveyor

Under his contract dated July 7th 1856

Commenced July 24. 1856
Completed August 6. 1856

Names and duties of Assistants

William Barry	Fore-Chainmen
George G Pierce	Fore-Chainmen
William W R Clarke	Rear-Chainmen
Charles Linderman	Rear-Chainmen
Samuel Stover	Fore-Flagman
William P Ford	Rear-Flagman
Thomas A Bones	Axeman

R1E						R2E						R3E					
55	54	53	52	51	50	49	48	47	45	44	43	42	41	40	39	38	37

R4E						R5E						R6E					
36	34	32	31	30	29	28	26	25	24	23	22	21	20	19	18	17	16

R7E						R8E					
15	14	13	12	11	10	9	8	7	6	5	4

Third Standard Parallel North

Begin at the post in a Mound on the Sixth Principal Meridian at the corner to Townships 12 and 13 North, being the intersection of the 3d Standard Parallel North of the Base Line,) and from it run East on random, setting temporary posts at every half mile and mile respectively, and at 47 miles, 18 chains and 21 links, fell 66½ links north of the stone on the Guide Meridian, set for the intersection of the 3d Standard Parallel at the corner to Townships 12 and 13 North, Ranges 8 and 9 East. The correction therefore will be 14 links South per mile and the true course necessary to retrace the Parallel from the Guide to the 6th principal Meridian so as to connect the cor=responding Township corners, N 89° 54' W.
The random line run East on the 24th, 25th, 26th 27th and 28th days of July 1856 – The measuring chains having been each day compared with the standard measure, and kept of equal length with the same.

Third Standard Parallel North
R 8 E

Begin at the Stone corner, on the Guide Meridian, to Townships 12 and 13 North, Ranges 8 and 9 East, and from it run

Along the South boundary of Section 36 T 13 N. R 8 E
N 89° 54' W, on a true line

Variation 11° 15' East

Note – The same variation was found to trace the Guide Meridian and also the Standard Parallel running East from this corner.

40 00 Set a Lime Stone 20 in. long 11 in. wide and 6 in. thick for a quarter section corner

53 00 Summit of a ridge bearing N. and S.

62 70 Drain, Course South

72 00 Summit of a ridge bearing N. and S.

80 00 Set a Lime Stone 19 in. long 14 in. wide and 3 in. thick for a corner to sections 35 and 36 T 13 N. R 8 E

High rolling prairie
Soil 1st rate

Third Standard Parallel North
R 8 E.

Along the South boundary of Section 35 T13N R 8E
N 89°54' W. on a true line

Variation 11°15' East

9 60 Drain, Course SW.
24 70 Drain. Course South
40 00 Set a Lime Stone 14 in. long 13 in. wide and 3 in. thick for a quarter section corner
44 00 Summit of a ridge bearing N. and S.
77 60 Branch 10 links wide, Course SE
80 00 Set a Lime Stone 26 in. long 8 in. wide and 5 in. thick for a corner to sections 34 and 35 T13N R 8E

High rolling prairie
Soil 1st rate

Third Standard Parallel North
R 8 E.

Along the south boundary of Section 34 T13N R 8 E
N 89°54' W. on a true line

Variation 11°45' East

40 00 Set a Lime Stone 19 in. long 14 in. wide and 3 in. thick for a quarter section corner
53 00 Summit of a high ridge bearing N. and S.
65 00 Drain, Course North
80 00 Set a Lime Stone 20 in. long 20 in. wide and 3 in. thick for a corner to sections 33 and 34 T13N R 8 E

High rolling prairie
Soil 1st rate

Third Standard Parallel North
R 8 E.

Along the South boundary of Section 33 T13N R8E
N 89° 54' W. on a true line

Variation 11° 45' East

15 50 Drain, Course N 25° W
35 00 Summit of a ridge bearing NW and SE
40 00 Set a Sand Stone 22 in. long 10 in. wide, and 3 in. thick for a quarter section corner
53 90 Branch 10 links wide, Course South – General Course SW.
74 00 Drain, Course SE
80 00 Set a Sand Stone 30 in. long 10 in. wide and 3 in. thick for a corner to sections 32 and 33 T13N R8E

Rolling prairie
Soil 1st rate

Third Standard Parallel North
R 8 E

Along the South boundary of section 32 T13N. R8E.
N 89° 54' W. on a true line

Variation 12° 06' East

5 00 Summit of a ridge bearing N. and S.
10 40 Drain, Course South
15 00 Summit of a ridge bearing N. and S.
32 50 Branch, 5 links wide, Course South
40 00 Set a Sandstone 27 in. long 17 in. wide and 4 in. thick for a quarter section corner
44 00 Summit of a ridge bearing N. and S.
56 60 Drain, Course S 30° W
67 00 Leave rolling upland and enter level swampy bottom, bearing N W. and S E.
80 00 Set a Lime Stone 22 in. long 13 in. wide and 2 in. thick for a corner to sections 31 and 32 T13N R8E

First 67.00 chains rolling upland; Soil 1st rate – the balance a level swampy bottom subject to inundation, and unfit for cultivation.

Third Standard Parallel North
R 8 E

Along the South boundary of Section 31 T13N R8E
N 89°54' W. on a true line

Variation 12°20' East

18 21 Set a Lime Stone 22 in. long 14 in. wide and 6 in. thick, for a corner to Township 13 North, Ranges 7 and 8 East

Level swampy bottom land, subject to inundation and unfit for cultivation

Third Standard Parallel North
R 7 E.

Along the South boundary of Section 36 T13N R7E
N 89°54' W. on a true line

Variation 12°20' East

1 30 Branch 10 links wide. Course South. Its general Course SE.

40 00 Set a Sand Stone 23 in. long 17 in. wide and 2 in. thick for a quarter section corner

80 00 Set a Sand Stone 22 in. long 16 in. wide and 3 in. thick for a corner to Sections 35 and 36 T13N R7E

Level swampy bottom land, subject to inundation, and unfit for cultivation

Third Standard Parallel North
R 7 E

Along the south boundary of Section 35 T 13 N R 7 E
N 89° 54' W. on a true line

Variation 12° 15' East

25 00 Leave swampy bottom and ascend rolling land bearing N 80° E and S 80° W

40 00 Set a Sand Stone 19 in. long 16 in. wide and 5 in thick for a quarter section corner

68 50 Drain, Course South

77 20 Drain, Course South

80 00 Set a Sand Stone 17 in. long 12 in. wide and 3 in. thick for a corner to sections 34 and 35 T 13 N R 7 E

First 25.00 chains a level swampy bottom liable to overflow, and unfit for tillage – the balance rolling upland; Soil 2d. rate

Third Standard Parallel North
R 7 E.

Along the South boundary of Section 34 T 13 N R 7 E
N 89° 54' W. on a true line

Variation 12° 00' East

10 50 Drain, Course South

28 85 Drain, Course South

40 00 Set a Sand Stone 22 in. long 11 in. wide and 8 in. thick (on the summit of a ridge bearing N. & S.) for a quarter section corner

51 20 Drain, Course SE

66 50 Drain, Course SE

75 00 Leave rolling upland and enter level bottom bearing SE and N 60° W

80 00 Set a Sand Stone 23 in. long 12 in. wide and 3 in. thick for a corner to sections 33 and 34 T 13 N R 7 E

Land; 1st 75.00 Chains rolling – balance level
Soil 1st rate

Third Standard Parallel North
R 7 E

Along the South boundary of Section 33 T 13 N R 7 E
N 89°54' W. on a true line

Variation 11°50' East

0 40 Branch 10 links wide, Course SE

3 00 Same branch 10 links wide Course N 60° E

40 00 Set a Sand Stone 21 in. long 12 in. wide and 10 in. thick for a quarter Section corner

50 00 Leave level bottom and ascend gently rolling prairie bearing NE & SW

58 40 Drain, Course SE

73 00 Drain, Course South

80 00 Set a Sand Stone 19 in. long 16 in. wide and 5 in. thick for a corner to Sections 32 and 33 T 13 N R 7 E

Land; 1st 50.00 chains level bottom – Balance rolling upland; Soil 1st rate

Third Standard Parallel North
R 7 E

Along the South boundary of Section 32 T 13 N R 7 E
N 89°54' W. on a true line

Variation 11°40' East

15 00 Top of a gentle elevation bearing W. & S.

26 00 Spring branch 5 links wide, Course South

35 00 Top of the point of a ridge sloping South

40 00 Set a Sand Stone 22 in. long 15 in. wide and 9 in. thick for a quarter section corner

43 00 Leave rolling upland and enter bottom subject to overflow bearing W. and SE.

78 45 Creek 25 links wide, Course SE. Water 3 feet deep, current moderate; Banks and Bottom miry

80 00 Set a Sandstone 21 in. long 12 in. wide and 7 in. thick for a corner to Sections 31 and 32 T 13 N R 7 E

First 43.00 chains rolling upland – balance level bottom subject to inundation; Soil 1st rate

Third Standard Parallel North
R 7 E

Along the South Boundary of Section 31 T13N R7E
N 89° 54' W. on a true line

Variation 11° 40' East

15 00 Leave level bottom and ascend rolling prairie bearing N W and S E

40 00 Set a Sand Stone 21 in. long 12 in. wide and 5 in. thick for a quarter section corner

80 00 Set a Sand Stone 28 in. long 14 in. wide and 8 in. thick for a corner to Township 13 North, Range 6 and 7 East

First 15.00 chains level bottom subject to inundation
Balance rolling upland

Soil 1st rate

Compared the measuring chains with the Standard and found them correct

August 2d 1856

Third Standard Parallel North
R 6 E.

Along the South boundary of Section 36 T13N R6E
N 89° 54' W. on a true line

Variation 11° 18' East

40 00 Set a Sandstone 22 in. long 15 in. wide and 5 in. thick for a quarter section corner

51 10 Indian Trail from Salt Creek to the Loup Pawnee village on Platte River, bearing N E. and S W.

57 80 Drain, Course North

77 20 Drain, Course North

80 00 Set a Sand Stone 19 in. long 12 in. wide and 4 in. thick for a corner to Sections 35 and 36 T13N R6E

High rolling prairie
Soil 1st rate

Third Standard Parallel North
R 6 E.

Along the South boundary of Section 35 T13N R6E
N 89°54' W. on a true line.

Variation 11°10' East

2 00 Summit of a ridge bearing N. & S.
7 20 Drain, Course North
22 50 Top of a ridge bearing N 20°E and S 20°W
29 20 Drain, Course S 30°W
35 70 Drain, Course S 20°E
40 00 Set a Sand Stone 18 in. long 10 in. wide and 4 in. thick for a quarter section corner
47 00 Summit of a ridge bearing N. and S.
72 50 Drain, Course N W
80 00 Set a Sand Stone 17 in. long 13 in. wide and 3 in. thick for a corner to Sections 34 and 35 T13N. R6E

Hilly prairie
Soil 2d. rate

Third Standard Parallel North
R 6 E

Along the South boundary of Section 34 T13N R6E
N 89°54' W. on a true line

Variation 11°25' East

0 85 Drain, Course North
17 00 Top of a ridge bearing N. & S.
29 30 Drain, Course North
40 00 Set a Granite Boulder 15 in. long 10 in. wide and 10 in. thick for a quarter section corner.
47 00 Top of a Stony ridge bearing N. & S.
66 60 Spring branch 6 links wide, Course North
80 00 Set a Granite Boulder 22 in. long 10 in. wide and 4 in. thick for a corner to Sections 33 and 34 T13 N. R6 E

Hilly prairie
Soil 2d. rate

On the tops of the hills and outcrop of Granite Boul=
=ders.

Third Standard Parallel North
R 6 E.

Along the South boundary of Section 33 T13 N R 6 E
N 89°54' W. on a true line

Variation 11°30' East

10 00 Top of a Stony point sloping North
21 70 Spring branch 10 links wide, Course N E
40 00 Set a Granite Boulder 28 in. long 12 in. wide and 4 in. thick with a mound of stones around it for a quarter section corner (on the summit of a Stony ridge bearing N E. and S W.
52 80 Drain, Course N E
63 00 Top of a stony ridge bearing N E. and S W.
80 00 Set a post for a corner to sections 32 and 33 T13 N R6E from which
A Burr Oak 10 in. dia. bears S 63¼° W 66 links dist
A Burr Oak 12 in. dia. bears S 7½° W 114 links dist
A Cotton Wood 20 in. dia. bears N 12½° E 225 links dist
A Burr Oak 10 in dia. bears N 35½° W 109 links dist
Hilly prairie; Soil 2d rate. A few scattering trees on the branches
An outcrop of Granite Boulders on the summits of the ridges.

Third Standard Parallel North
R 6 E

Along the South boundary of Section 32 T13 N R 6 E
N 89°54' W. on a true line

Variation 11°30' East

1 20 Drain, Course North
8 40 Branch 5 links wide, Course N E
21 20 Drain, Course South
29 70 Drain, Course South
40 00 Set a Sand Stone 18 in. long 10 in. wide and 3 in. thick for a quarter section corner
51 60 Drain, Course S E
63 00 Summit of a ridge bearing N. and S.
78 00 Drain, Course S W
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 31 and 32 T13 N R6E

Hilly prairie
Soil 2d rate

Third Standard Parallel North
R 6 E.

Along the south boundary of Section 31 T13N R 6 E
N 89°54' W. on a true line
Variation 11°30' East

1 20 Drain, Course South
9 50 Branch 5 links wide, Course S 20° E
38 80 Drain, Course South
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
42 00 Drain, Course SE
50 40 Indian Trail bearing NE. and SW.
51 00 Summit of a ridge bearing NE. and SW.
57 00 Drain, Course NW
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 31 and 36) Township 13 North, Ranges 5 and 6 East.

High rolling prairie
Soil 2d rate

Third Standard Parallel North
R 5 E

Along the South boundary of Section 36 T13N R 5 E
N 89°54' W. on a true line
Variation 11°30' East

12 90 Drain, Course SW
20 10 Drain, Course South
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner
54 00 Top of a ridge bearing N. and SW
65 00 Drain, Course SW
66.50 Drain, Course South
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T13N R 5 E

Rolling prairie
Soil 2d rate

Third Standard Parallel North
R 5 E

Along the south boundary of Section 35 T13N R5E
N 89°54' W. on a true line

Variation 11°30' East

5 00 Leave rolling upland, and enter level but dry bot=tom bearing N. and S.

31 45 Creek 35 links wide, Course S 30° E. Small clumps of timber seen in the bends of the Creek both above and below, but none at the crossing of the line. An excellent spring of water in the right bank of the Creek about 50 links North of the line

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

55 00 Leave level bottom and ascend rolling upland bears N 20° W and S 20° E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 34 & 35 T13N R5E.

Land; 1st 3/4 of a mile level bottom – balance rolling upland
Soil 1st rate.

Third Standard Parallel North
R 5 E.

Along the South boundary of Section 34 T13N R5E
N 89°54' W. on a true line

Variation 11°25' East

4 70 Drain, Course NE

14 00 Summit of a ridge bearing N 20° W and S 20° E

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

41 80 Drain, Course South

69 00 Ravine 250 links wide and 25 feet deep, Course South

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T13N R5E

Rolling prairie
Soil 2d rate

Third Standard Parallel North
R 5 E.

Along the South boundary of Section 33 T13 N R5 E
N 89°54' W. on a true line

Variation 11°30' East

14 00 Dry hollow, Course South
16 00 Ravine 200 links wide and 30 feet deep, Course South.
16 80 Branch 5 links wide (in bottom of ravine) Course South.
40 00 Set a post and drove charred stake, with trench as per instructions for a quarter section corner from which A Cotton Wood 28 in. dia. bears S14°W 140 links distant no other tree convenient to mark.
41 60 branch 20 links wide, Course SE
42 10 Same branch 20 links wide, Course NE
51 80 Spring branch 5 links wide, Course SE
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T13 N R 5 E

Surface broken by ravines and branches.
Soil 2d rate
A few scattering Elm and Cotton Wood trees on the branches.

Third Standard Parallel North
R 5 E.

Along the South boundary of Section 32 T13 N R5 E
N 89°54' W. on a true line

Variation 11°25' East

3 30 Branch 20 links wide, Course SE
9 00 A bend in the right bank of Same branch bearing NE. and NW.
13 50 Deep Drain, Course North
25 00 Summit of point of a ridge sloping North
34 00 Drain, Course NE
40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner.
Compared the measuring chains with the standard and found them correct

August 3d 1856

53 00 Drain, Course SE
67 50 Same drain, Course NE
77 00 Summit of a ridge bearing NE and SW
80 00 Set a post in a Mound and drove a charred stake

Third Standard Parallel North
R 5 E.

as per instructions for a corner to Sections 31 and 32
T 13 N. R 5 E

Hilly Prairie
Soil 3d rate

Third Standard Parallel North
R 5 E.

Along the South boundary of Section 31 T 13 N R 5 E
N 89° 54' W. on a true line

Variation 11° 30' East

12 30 Drain, Course North
17 10 Drain, Course N 30° E
38 20 Drain, Course N 20° E
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
49 30 A wagon road known as the "Old Mormon Trail" on the summit of a high ridge bearing S E. and N W.
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Townships 13 North. Ranges 4 and 5 East

Hilly prairie
Soil 3d rate

Third Standard Parallel North
R 4 E.

Along the South boundary of Section 36 T 13 N R 4 E
N 89° 54' W. on a true line

Variation 11° 25' East

9 90 Drain, Course South
14 50 Drain, Course South
26 00 Top of a ridge bearing N. and S.
38 80 Branch 10 links wide Course S 20° E
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 drove a charred stake as per instructions for a corner to sections 35 and 36 T 13 N. R 4 E.

Hilly prairie
Soil 3d rate

Third Standard Parallel North
R 4 E.

Along the South boundary of Section 35 T 13 N. R 4 E
N 89° 54' W. on a true line

Variation 11° 30' East

8 20 Drain, Course N E
17 00 Summit of a high ridge bearing NW. and SE.
32 30 Deep drain, Course South
40 00 Set a Granite Boulder 14 in. long 12 in. wide and 11 in. thick for a quarter section corner — On the summit of a ridge bearing N. and S.
64 60 A miry branch with deep channel, water 20 links wide, Course SE. A few Elm, Box Elder and Cotton Wood trees skirting the banks
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 34 and 35 T 13 N R 4 E

First 50.00 chains hilly prairie; Soil 2d rate
Balance level; soil 1st rate

Third Standard Parallel North
R 4 E.

Along the South boundary of Section 34 T 13 N. R 4 E
N 89°54' W. on a true line

Variation 11°33' East

19 00 Top of a ridge bearing N. and S.
24 10 Deep hollow, Course South
28 50 Summit of a ridge bearing N. and S.
40 00 Set a post and drove charred stake as per instructions for a quarter section corner from which
A Burr Oak 18 in. dia. bears N 14¼° W 241 links dist
An Elm 30 in. dia. bears S 27½° E 260 links dist
40 90 Branch 5 links wide, Course SE – A few scattering trees on it.
44 50 Same branch 5 links wide, Course NE
64 50 Deep drain, Course SE
74 00 Top of a Conical hill
77 90 Drain, Course South
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 33 and 34 T 13 N R 4 E.
Hilly prairie: Surface broken by ravines and branches: Soil 2d rate.

August 4th 1856

Third Standard Parallel North
R 4 E

Along the South boundary of Section 33 T 13 N R 4 E
N 89°54' W. on a true line

Variation 11°25' East

4 00 Top of a Mound, (40 feet elevation)
10 80 Drain, Course South
33 80 Branch 5 links wide, Course SE
40 00 Set post and drove charred stake as per instructions for a quarter section corner from which
A Burr Oak 22 in. dia. bears N 61° W 79 links dist
A Burr Oak 16 in. dia bears S 0°30' W 99 links dist
At this corner enter scattering timber bearing NW and S 60° E
48 25 Drain Course SE
48 83 Burr Oak 18 in. dia.
55 00 Drain, (last noted) Course NE
57 00 Leave point of scattering timber bearing N 70° E and SE
71 00 Summit of a ridge bearing NW and SE
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 32 and 33

Third Standard Parallel North
R 4 E.

T 13 N. R 4 E

Surface hilly
Soil 2d rate
Timber Burr Oak - scattering but of good quality.

Compared the measuring chains with the standard and found them correct.

Third Standard Parallel North
R 4 E.

Along the South boundary of Section 32 T 13 N R 4 E
N 89°54' W. on a true line

Variation 11°20' East

6 25 Drain, Course South
10 80 Drain, Course SE
19 50 Drain, Course NE
28 00 Summit of a ridge bearing N. and S.
40 00 Corner in the bank of a branch. In order to locate this corner permanently I select as a suitable witness point, a point in the direction of the corrected Parallel 70 links East from the true quarter Section corner, and there set a post in a Mound and drove a charred stake as per instructions for a "Witness Corner."
40 05 Spring branch 5 links wide, Course S 20° W.
50 00 Summit of a ridge bearing N. and S.
56 10 Deep Drain, Course South
71 00 Summit of a ridge bearing N. and S.
80 00 Set a post in a Mound and drove a charred stake

Third Standard Parallel North
R 4 E.

as per instructions for a corner to sections 31 and 32 T13N R4E.

Hilly Prairie
Soil 3d rate

Third Standard Parallel North
R 4 E.

Along the South boundary of Section 31 T13N. R4E
N 89° 54' W. on a true line
Variation 11° 15' East

8 80 Drain, Course S W
11 90 Drain, Course South
34 00 Summit of a ridge bearing N. & S.
40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner
41 00 Drain, Course South
46 00 Summit of a ridge bearing N 20° E and S 20° W
55 00 Drain, Course South
68 40 Drain, Course South
71 10 Drain, Course S 20° E
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to sections 31 and 36 Town=
=ships 13 North, Ranges 3 and 4 East
Hilly prairie
Soil 3d rate

Third Standard Parallel North
R 3 E.

Along the South boundary of Section 36 T13 N R 3 E
N 89° 54' W. on a true line

Variation 11° 10' East

5 00 Summit of a ridge bearing N. and S.
17 70 Drain, Course S 30° E
26 00 Drain, Course South
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner (on the summit of a high ridge bearing S W. and N E.
44 65 Indian Trail bearing N E. and S W.
52 70 Drain, Course North
59 40 Drain, Course N 20° W
65 40 Drain, Course North
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T13 N. R 3 E.

High rolling prairie
Soil 3d rate

Third Standard Parallel North
R 3 E.

Along the South boundary of Section 35 T13 N. R 3 E
N 89° 54' W. on a true line

Variation 11° 06' East

18 70 Drain, Course S W.
22 50 Drain, Course South
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner.
48 00 Drain, Course South
67 00 Summit of a ridge bearing N 30° E. and S 30° W.
77 00 Right bank of a drain bearing S 80° E and N 85° W.
80 00 Corner in the bottom of the drain last noted. As the corner could not be permanently located in its true position, I select a point 40 links due North therefrom as the nearest suitable witness point, where I set a post in a Mound and drove a charred stake as per instructions for a "Witness Corner" to Sections 34 and 35 T13 N R 3 E

Rolling prairie; Soil 3d rate

Third Standard Parallel North
R 3 E.

Along the South boundary of Section 34 T 13 N R 3 E
N 89° 54' W. on a true line
Variation 11° 27' East

1 50 Leave drain, Course N W.
12 75 Deep drain, Course North
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner.
46 10 Branch 10 links wide, Course South
49 80 Same branch 10 links wide, Course N 30° W
53 45 Same branch 10 links wide, Course S 20° W – Its general Course S 25° W.
74 05 Drain, Course SE
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T 13 N. R 3 E

Rolling prairie
Soil 3d rate

Third Standard Parallel North
R 3 E

Along the South boundary of Section 33 T 13 N. R 3 E.
N 89° 54' W. on a true line
Variation 11° 35' East

40 00 Set a Granite Boulder 16 in. long 11 in. wide and 8 in. thick for a quarter Section corner.
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 32 and 33 T 13 N. R 3 E

Rolling prairie
Soil 3d rate

Third Standard Parallel North
R 3 E

Along the South boundary of Section 32 T13N R3E
N 89°54' W. on a true line

Variation 11°45' 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 drove a charred stake as per instructions for a corner to sections 31 and 32 T13 N. R 3 E

Gently rolling prairie
Soil 3d rate

Third Standard Parallel North
R 3 E.

Along the South boundary of Section 31 T13N R 3 E
N 89°54' W. on a true line

Variation 12°06' East

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

47 60 Deep drain, Course S 20° W

50 70 Deep drain, Course SE

76 10 Drain, Course SW

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Town=ship 13 North, Ranges 2 and 3 East

Gently rolling prairie
Soil 2d rate

Third Standard Parallel North
R 2 E.

Along the South boundary of Section 36 T13 N. R2 E.
N 89° 54' W. on a true line

Variation 12° 30' East

0 40 Drain, Course S 30° E
21 60 Drain, Course South
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 drove a charred stake as per instructions for a corner to sections 35 and 36 T13 N. R 2 E

Gently rolling prairie
Soil 2d rate

Third Standard Parallel North
R 2 E

Along the South boundary of Section 35 T13 N R 2 E
N 89° 54' W. on a true line

Variation 12° 15' East

4 00 Summit of a ridge dividing the waters of Big Blue River from those of the Saline, bearing N. and S.
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
44 10 Drain, Course N W.
64 50 Deep drain, Course North
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 34 and 35 T 13 N R 2 E

High rolling prairie
Soil 1st rate

Third Standard Parallel North
R 2 E

Along the South boundary of Section 34 T 13 N R 2 E
N 89° 54' W on a true line
Variation 12° 00' East

4 00 Summit of a ridge bearing N. and S.
34 30 Drain, Course N W
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
53 00 Leave rolling upland and enter level bottom bearing North and South
57 60 Drain, Course S W
78 80 Creek (East fork of Big Blue river) 40 links wide, Course S 30° W. Its general Course S 15° E – Water 2½ feet deep, current moderate and Bottom miry – Banks skirted with scattering Elm, Ash and Box Elder trees – Small groves or clumps of timber seen in the bends of the Creek both above and below the crossing of the line.
80 00 Set a post, with trench, and drove charred stake as per instructions for a corner to Sections 33 & 34

Third Standard Parallel North
R 2 E.

T 13 N. R 2 E. from which
An Ash 14 in. dia. bears S 11° W 109 links dist
An Ash 7 in. dia. bears N 89½° E 55 links dist
An Ash 8 in. dia. bears S 42° E 101 links dist
No tree in Section 33 convenient to mark

Land; 1st 53.00 chains rolling – balance level
Soil 1st rate
Elm, Ash and Box Elder timber skirting the Creek

Compared the measuring chains with the standard and found them correct
August 5th 1856

Third Standard Parallel North
R 2 E

Along the South boundary of Section 33 T13 N R2E
N 89° 54' W. on a true line

Variation 11° 50' East

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

70 00 Leave level bottom and ascend rolling prairie bearing N. and S.

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 32 and 33 T13 N R 2 E

Land; First 70.00 Chains level bottom – the balance rolling upland: Soil 1st rate

Third Standard Parallel North
R 2 E.

Along the south boundary of Section 32 T13 N R2 E
N 89° 54' W. on a true line

Variation 11° 40' 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 drove a charred stake as per instructions for a corner to sections 31 and 32 T13 N R 2 E

High rolling prairie
Soil 1st rate

Third Standard Parallel North
R 2 E.

Along the South boundary of Section 31 T13 N R 2 E
N 89° 54' W. on a true line

Variation 11° 30' 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 drove a charred stake as per instructions for a corner to Township 13 North, Ranges 1 and 2 East

Elevated prairie, nearly level
Soil 1st rate

Third Standard Parallel North
R 1 E.

Along the South boundary of Section 36 T13 N R 1 E
N 89° 54' W. on a true line

Variation 11° 35' East

1 60 Drain, Course South

23 90 Drain, Course South

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 drove a charred stake as per instructions for a corner to Sections 35 and 36 T13 N. R 1 E

Gently rolling prairie
Soil 1st rate

Third Standard Parallel North.
R 1 E.

Along the South boundary of Section 35 T13N. R1E.
N 89°54' W. on a true line

Variation 11°45' 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 drove a charred stake as per instructions for a corner to sections 34 and 35 T13N R 1E

Gently undulating prairie
Soil; good 2d rate

Third Standard Parallel North
R 1 E

Along the South boundary of Section 34 T13 N. R 1 E.
N 89°54' W. on a true line

Variation 11°50' 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 drove a charred stake as per instructions for a corner to sections 33 and 34 T13 N R 1 E

Gently undulating prairie
Soil; good 2d rate

Third Standard Parallel North
R 1 E

Along the South boundary of Section 33 T13 N. R 1 E.
N 89° 54' W. on a true line

Variation 11° 50' East

9 20 Drain, course South

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 drove a charred stake as per instructions for a corner to Sections 32 and 33 T13 N R 1 E

High prairie; gently rolling
Soil 2d rate

Third Standard Parallel North
R 1 E

Along the South boundary of Section 32 T13 N R 1 E
N 89° 54' W. on a true line

Variation 11° 50' 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 drove a charred stake as per instructions for a corner to Sections 31 and 32 T13 N. R 1 E

Elevated prairie; gently undulating
Soil 2d rate

Third Standard Parallel North
R 1 E.

Along the South boundary of Section 31 T 13 N R 1 E
N 89° 54' W. on a true line

Variation 11° 50' East

23 00 Drain, Course South

38 10 Drain, Course South

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

80 00 The post in a Mound at the corner to Town=
=ships 12 and 13 North, Ranges 1 East and 1 West –
being the point of Intersection of the Sixth Principal Meridian with the Third Standard Parallel north of the Base Line

Elevated prairie, gently undulating
Soil 2d rate

Compared the measuring Chains with the standard and found them correct

August 6th 1856

Wyandott K T
Oct 16. 1856

Hon J Calhoun
Sur. Genl. Kansas & Nebraska

Sir

I herewith Respectfully submit Field Notes and field diagram of the 3d Standard Parallel in the territory of Nebraska between the 6th p.l. Mdn and the Guide Mdn East therefrom

Chas A Manners
Dep. Sur.

General Description

This line passes over a well watered country of medium fertility. In ranges 1, 2, 7 and 8 East the land is well adapted to cultivation, but the scarcity of timber presents an insuperable barrier to large settlements until time shall have furnished means either for its growth or importation. In Ranges 3, 4, 5 and 6 East the country is more broken and less fertile, but equally as well watered and admirably fitted for grazing. Timber, though scarce, is more abundant in the hilly districts on the middle portions of the line than in the gently rolling lands at its extremities. No rock were found either on the line or in its vicinity, except a few Granite Boulders on the summits of some of the more prominent elevations, and these are chiefly confined to ranges 5 and 6 East.

Names and Duties of Assistants

List of Names.

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 Third Standard Parallel North of the Base Line, between the 6th Principal Meridian and the Guide Meridian East therefrom, in the Territory of Nebraska showing the respective capacities in which they acted:

William Barry	Fore-Chainmen
George G Pierce	Fore-Chainmen
William W R Clarke	Rear-Chainmen
Charles Linderman	Rear-Chainmen
Samuel Stover	Fore-Flagman
William P Ford	Rear-Flagman
Thomas A Bones	Axeman

We hereby certify that we assisted Charles A Manners, deputy Surveyor, in Surveying the Third Standard Parallel North of the Base Line, between the Sixth Principal Meridian and the Guide Meridian East therefrom, 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.

William Barry	Fore-Chainmen
George G. Pierce.	Fore-Chainmen
William W R Clarke	Rear-Chainmen
Charles Linderman	Rear-Chainmen
Samuel Stover	Fore-Flagman
William. P. Ford	Rear-Flagman
Thomas A Bones	Axeman

Subscribed and sworn to by the above named persons, before me, a Justice of the peace for Douglas County in the Territory of Nebraska this 29th day of September 1856

Isaac P Mallory

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 States in the Territory of Ne=braska, bearing date the 7th day of July 1856, and in strict conformity to the laws of the United States and the instruc=tions furnished by the said Surveyor General, I have faith=fully surveyed the Third Standard Parallel North of the Base Line, between the Sixth Principal Meridian and the Guide Meridian east therefrom, 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 Sur=veyor, and sworn to before me, a Justice of the Peace for Leavenworth County, Kansas Territory this 16th day of October 1856

John W Lada
Justice of the peace

Filed Oct 2. 1855

Field Notes
of the
Third Standard Parallel
North of the
Principal Base Line
in the
Territory of Nebraska

From its beginning on the Guide Meridian be=tween Ranges Eight and Nine East at the cor=ner to Townships 12 & 13 North, – East, to the Missouri River by

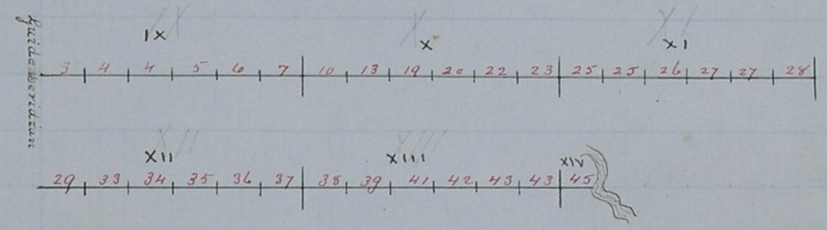
Chas. A Manners
Deputy Surveyor

Commenced September 3rd 1855
Completed September 15th 1855

Names and duties of Assistants

Cornelius B Keller	Fore-Chainmen
William A Hoover	Fore-Chainmen
Elisha Diefendorf	Rear-Chainmen up to the 10th day of September 1855
John Mow	Rear-Chainmen up to the 10th day of September 1855
Joseph Wood	Fore-Flagman
George H Hoyt	Rear-Flagman
Samuel E Forsyth	Axeman
Daniel H Wright	Rear-Chainmen on and after the 10th day of September 1855
Edward B Chinn	Rear-Chainmen on and after the 10th day of September 1855

Thirds Standards Parallel North of the Principle Base Line in the Territory of Nebraska.



Third Standard Parallel North -
R. 9. E.

Begin at a Sandstone 24 in. long 10 in. wide and 8 in. thick for a corner to Townships 12 and 13 North, Range 9 East between ranges Eight and nine East of the Sixth principal Meridian - Said stone being notched as per instructions and marked with the following letters and figures: Viz: "T. 12." on the South side - "T. 13" on the north side and "R. 9". on the East side -

Note - This corner stands upon a high knoll about five chains south of the road from Nebraska City to Fort Kearney -

From said corner I run
Along the South boundary of Section 31 T13N R9E
East on a true line

Variation 11° 00' East

40 00 Set a Sandstone 19 in. long 11 in. wide and 6 in. thick for a quarter section corner.

80 00 Set a Sandstone 19 in. long 10 in. wide and 6 in.

Third Standard Parallel North
R. 9. E.

thick for a corner to Sections 31 & 32 T13N R9E
High dry prairie gently rolling soil 1st rate

Along the South boundary of Section 32 T13N R9E
East on a true line

40 00 Set a Sandstone 21 in. long 10 in. wide and 6 in. thick for a quarter section corner – This corner in a slough or drain that runs S.E.

80 00 Set a Sandstone 21 in. long 11 in. wide and 4 in. thick for a corner to sections 32 & 33 T13N. R9E
High prairie gently rolling soil 1st quality

Along the South boundary of Sec. 33 T13N R9E
East on a true line

40 00 Set a Sandstone 21 in long 10 in. wide and 5 in. thick for a quarter section corner

51 00 Intersected Wagon Road leading from Nebraska City to Fort Kearney bearing N60°W, S60°E.

Third Standard Parallel North
R. 9. E.

80 00 Set a post in a Mound for a corner to sections 33 & 34 T.13.N. R. 9.E.
Level, dry, upland prairie soil 1st rate.

Compared the measuring Chains with the standard and found them correct
September 3d 1855

Along the South boundary of Section 34 T13N R9E
East on a true line

5 30 An Indian Trail S10° E & N 10° W

40 00 Set a post in a mound and deposited a charred stake 12 in long under the post for a quarter section corner

80 00 Set a post in a Mound and deposited a charred stake 12 in long under the post for a corner to sections 34 & 35 T13N R9E
High rolling prairie soil sandy 2d rate

Third Standard Parallel North - R 9 E

Along the south boundary of Section 35 T 13 N R 9 E

East on a true line

33 35 An Indian Trail leading from the ford of Saline Creek up Platte river - bears S 45° E & N 45° W.

40 00 Set a post in a mound and deposited a charred stake 12 in. long under the post for a quarter section corner -

43.00 Enter Marshy Prairie bearing S E & N E

52 60 Left Marshy Prairie & enter rolling upland bearing S W & N W

73 00 left rolling upland and enter a wet bottom bearing S 70° E and North

80 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a corner to sections 35 & 36 T 13 N R 9 E

The marshy prairie noted 3 ch. after leaving the 1/4 section corner and also the last 7 ch. too low & wet to be fit for cultivation - The remainder dry rolling prairie soil sandy 2d rate.

Along the south boundary of Section 36 T 13 N R 9 E

Third Standard Parallel North - R 9 E.

East on a true line

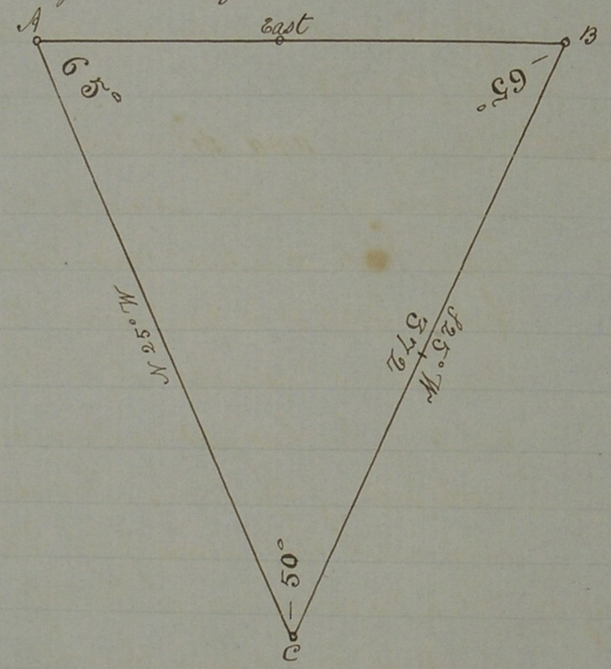
14 00 Left wet marsh & enter dry but level bottom bearing S E & N W -

40 00 Set a post and deposited a charred stake 12 in. long under the same from which a Cotton Wood 20 in. diam. bears N 40° E 62 1/2 lks. dist. Cotton Wood 10 in. diam. bears N 9° W 60 lks dist. These witness trees could not be obtained at opposite points of the Compass as there are no trees on the south side of the line. The corner near a bend in a creek that comes from N W. and runs N. E.

49 00 Set a temporary post on the left bank of Saline Creek 14 lks. dist. from the water's edge which bears S 20° W & N 40° E -. Also set a post in line on the right bank due East from the one on the left bank - (the last post set being 66 links from the waters Edge). From this last post I run S 25° W 372 links to a station from which the post on the left bank bears N 25° W - making the distance between the posts in the line

Third Standard Parallel North - R 9 E.

on the right and left banks



As Sine of the Angle A 65° - 9.957276

Is to Sine of the Angle C 50° = 9.884254

So is the Base BC 372 lks. 2.570543

12.454797

9.957276

To distance AB = 314.4 lks = 2.497521

Hence at 49.00 × 314.4 = 52.14

52 14 A temporary post (66 links from the water's edge) on

Third Standard Parallel North - R 9 E.

the right bank of Saline Creek from which I measure due East 27.85 6/10 chains farther and at (52.14 4/10 + 27.85 6/10 = 80.00 ch.)

77 00 Left Creek bottom and enter range of hills bearing S 50° W & N 50° E

80 00 Set a post in a mound with a charred stake 12 in. long under the post for a corner to Township 13 North, Ranges 9 & 10 East

Variation of the Needle 11° 15' East

First 14 ch. wet marshy prairie - The last 3 ch. hilly and broken - The remainder low prairie subject to inundation to the depth of about 4 feet -. Well adapted to grazing but not sufficiently free from water to render it desirable for cultivation.

Note - The water in Saline Creek at the place where the line crossed now 15 feet deep and current swift, but the stream so swollen by recent rains that its depth at ordinary stages of water could not

Third Standard Parallel North. R9E.

could not be ascertained.

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

September 4th 1855

Range X

Cow Line

Along the South boundary of Section 31. T.13N. R.10.E. East on a true line

Variation 11°15' East

9 50 Top of a ridge 50 feet above the level of the bottom of Saline Creek bears NE & SW.

13 50 bottom of a hollow about 40 feet deep

100 22 00 Top of a ridge 50 feet high bearing N20°W & S20°E

27 00 Bottom of a hollow between two bluffs or ridges Course N 20° W

33 40 Top of a ridge 50 feet high bears N. & S.

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

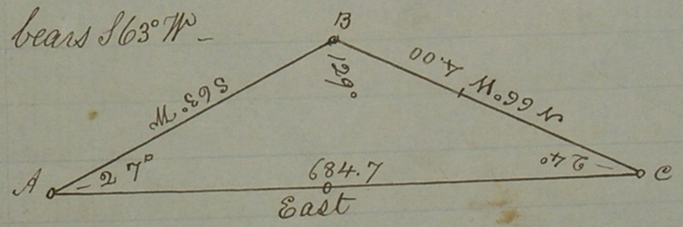
49 00 A branch skirted with Burr Oak and Elm timber. Course North

190

Third Standard Parallel North - R10E.

58 00 Left hills and Enter saline Creek bottom bearing NW & SE -

73 21 Intersected the right bank of Saline Creek bearing N60°W and S60°E - at this point set a temporary post - Also set a post in line due East from the first on the left bank of same Creek near the water's edge. Water 12 feet deep - bottom muddy - current moderate - bearing of left bank N66°W & S66°E. From the post in line on the left bank another temporary post bears N66°W 400 links distant from which the post on the left bank at 73.21 chs bears S63°W -



As sine of Angle A = 27° — 9.657047

Is to sine of Angle B = 129° — 9.890503

So is Base BC 400 lks — 2.602060

12.492563

Links 9.657047

To distance AC = 684.7 = 2.835516

Third Standard Parallel North – R 10 E.

and hence the distance to the temporary post on the line on the East or left bank of the Creek = 73.21 + 6.84 7/10 = 80.05 7/10 chs. – Therefore we measure 5 7/10 lks due west from said station

80 00 to the true section corner in the creek, but as it is impossible to establish it permanently in this place, I offset due North 100 links dist. from the true corner to a suitable point

8 and there set a post in a Mound and deposited a charred stake under the post for a witness to the corner to sections 31 & 32 T 13 N R 10 E – Said post being marked and set, and the mound erected in the same manner as if it were located at the true corner.

Prairie – First 58 chs. broken & hilly – soil sandy 3d. rate – The remainder a level bottom subject to inundation to the depth of several feet soil 1st. rate –

September 5th 1855

Third Standard Parallel North – R 10 E.

Edward B Chinn this day takes the place of ~~one of~~ John Mow as one of the rear Chainmen and Daniel A Wright takes the place of Elisha Diefendorf as the other of the rear chainmen – Mow and Diefendorf having left the party –

Compared the measuring chains with the standard and found them correct.

From the true corner to sections 31 & 32 T 13 N. R 10 E I run

× Along the South boundary of section 32 T 13 N R 10 E East on a true line

18 00 Set a post in a mound & deposited a charred stake 12 in. long under the post ~~for~~ a Meander corner on the right bank of a Bayou of Platte River which bears N 5° E & S 5° W – said post in a mound being 20 links from the water's Edge. Then set a flag in line on the left bank of the Bayou –. From the post in a mound at 18 chs. measured a base due North 300 lks. to:

Third Standard Parallel North – R 10 E.

a station from which the flag on the left bank bears S 40° E – and hence the distance on the line between the stations on the right and left banks of the Bayou = 251 70 lks – Water in bayou 2 ft. deep

Nat. Tang. 40° = .8390996 300

To distance across Bayou 251.7298800

From the flag on the left bank I measure East 49 links and at (18.00 + 2.51 + .49 = 21.00 chs)

Enter scattering Cotton wood timber bearing S 5° W & N 5° E

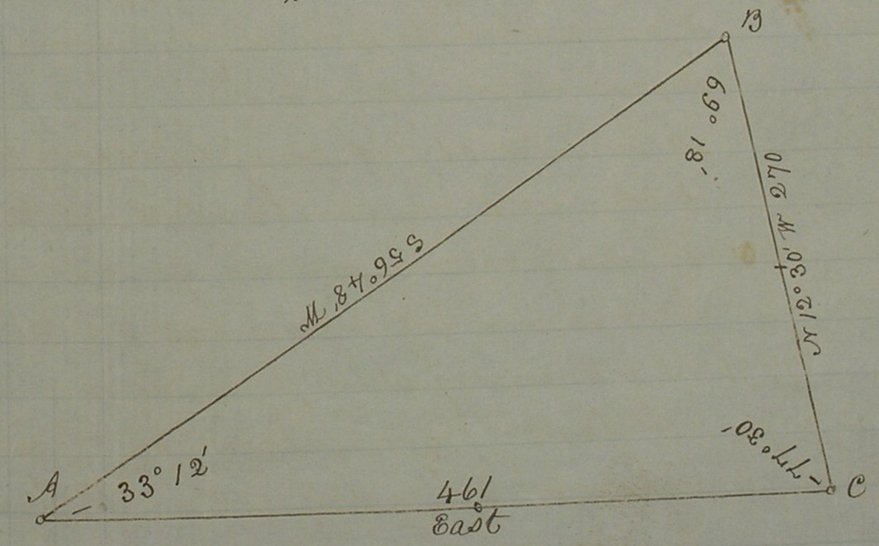
21 00 Set a post for a Meander Corner from which
A Cotton Wood 18 in. diam. bears N 36° W 17 lks dist.
A Cotton Wood 24 in. diam. bears N 24° E 51 lks dist.

40 00 Set a post for a quarter section corner and placed charred stake 12 in. long under the same from which
A Cotton Wood 20 in. diam. bears bears S 35½° E 206 lks dist.
A Cotton Wood 30 in. diam. bears N 39° 53' E 357 lks. dist.

55 82 Set a post & deposited a charred stake 12 in. long under the same (18 links west of the water's Edge) for a Meander corner on the right bank of the main channel of Platte river which here runs

Third Standard Parallel North – R 10 E

S 15° E – From the meander corner post at 55.82
A Cotton Wood 16 in. diam. bears S 47° E 16 lks. dist.
A Cotton Wood 24 in. diam. bears N 41° 10' W 174 lks. dist.
Set a post in line on a small Island in Platte River due East of the Meander corner – from which post I measure a base N 12° 30' W 270 links in length to a station from which the Meander corner post on the right bank of the channel bears S 56° 48' W making the distance between the meander corner and the station in line on the island = 461 links



Third Standard Parallel North – R 10 E.

As sine of the Angle A = 33° 12′ = 9.738434

So to sine of the Angle B = 69° 18′ = 9.971018

So is the Base BC = 270 lks – 2.431364

12.402382
9.738434

To distance A C = 461 links = 2.663948

Hence the distance from the corner to sections 31 & 32 = 55.82 + 4.61 = 60.43 chs

60 43 A temporary post on the Island in Platte River from which I measure due East 28 links and at

60 71 Set a post and deposited a charred stake under it, and marked the same as if it were a Meander corner from which

A Cotton Wood 9 in. diam. bears N 34° W 9 lks. dist.
A Cotton wood 6 in. diam. bears S 55° E 32 lks. dist.

62 00 left cotton wood grove and enter upon barren sand beach in river bed bearing N 30° W & S 30° E –

60.71
1950

77 21 Set a temporary post at the water's edge on the right bank of the East or left Channel of Platte River and also set a flag staff on the left bank of the same channel due East from the temporary

Third Standard Parallel North – R 10 E

post – Then from said post I measure due South 10.94 chs. to a Station from which the Flag staff on the left bank bears N 46° 05′ E making the distance between the stations on the right and left banks =

Nat: Tang: 46° 05′ = 1.0385489
10.94

41541956
93469401
103854890

To dist. across ——— 11.36.1724966

Consequently the distance from the corner to sections 31 & 32 East to the flag-staff on the left bank of the left hand Channel of Platte river = 77.21 + 11.36 = 88.57 Chains or 8.57 chains East of the corner to sections 32 & 33 T 13 N R 10 E.

80 00 This corner being in the river I select as a suitable witness point a place 25 links due East of the flagstaff at 88.57 chs and consequently 8.82 Chains due East from the true corner Set a post in a Mound with a charred stake 12 in. long under the post for a witness

Third Standard Parallel North R 10 E.

to the corner to sections 32 & 33 T13N. R 10 E.
The water in the main channel of Platte river averages 4 feet deep and in the left hand channel from 2 to 5 feet deep. In each the current is swift and the bottom a bed of shifting sand - The left bank of the river bears S22°E and N22°W - The first 18.00 chs. a marshy prairie subject to inundation from the water of both platte river and Saline Creek - soil deep & rich but rather too wet for cultivation. Between this and the main channel of Platte River a deposite of sand covered with an average growth of grass and scattering Cotton Wood timber of 2d quality - On the Island ~~the~~ between the main and left hand channels there is a small grove of young Cotton wood timber - the remainder of the distance a sandy waste.

September 10 th 1855

Third Standard Parallel North R 10 E.

Along the South boundary of Section 33 T13N. R 10 E East on a true line

At 31.18 chs East of the witness Post in a mound and consequently 31.18 + 8.82 = 40.00 chains East of the true corner to sections 32 & 33

40 00 Set a post in a mound with a charred stake 12 in. long under the post for a quarter section corner - From this point the Pawnee village near the right bank of Platte River bears S10°E

64 62 Intersected the west bank of a Lake bearing N10°W and S10°E

66 22 East bank of same lake bears N10° W and S10°E Water 6 feet deep - bottom miry. From the appearances the general course of this Lake is parallel with the bluffs on the left bank of the river

71 00 Left river bottom and enter rocky bluffs ~~on~~ bearing N20°W & S20°E

74 76 A Burr Oak 18 in. diam.

Third Standard Parallel North - R 10 E.

80 00 Set a Sandstone 21 in. long 8 in. wide and 5½ in. thick for a corner to sections 33 & 34 T 13 N R 10 E from which

A Burr Oak 20 in. diam. (at bottom) bears N 52° W 39 lks. dist.

A Burr Oak 8 in. diam. bears N 24½° E 197 lks. dist.

A Burr Oak 8 in. diam. bears S 35° W 77 lks. dist.

A Burr Oak 18 in diam. bears S 32° E 106 lks. dist.

From this corner the Pawnee village on the right bank of the Platte river bears S 12° W 105.00 Chs. distant -

First 71.00 Chs. level bottom prairie subject to inundation - soil sandy but productive. The last 9.00 Chs. a series of rocky bluffs with a scattering growth of scrubby Burr Oak trees - All the rocks in this vicinity red - Sandstone.

Along the south boundary of section 34 T 13 N R 10 E East on a true line

1 00 Top of a bluff 70 feet above the level of the

Third Standard Parallel North R 10 E.

bottom Prairie adjacent the river - bearing of the ridge at the line North & South - General course N 20° W and S 20° E

12 00 bottom of a hollow 50 feet deep course South

15 65 A Burr Oak 26 in. diam.

17 40 Top of a ridge 40 feet high bears N 10° E & S 10° W

17 81 A Burr Oak 14 in. diam.

21 00 bottom of a hollow - Course south

23 00 Top of a ridge bearing N. & S.

31 17 A burr Oak 26 in. diam.

32 20 A Spring branch 5 links wide Course S. W. good water -

40 00 Set a quarter section corner post and deposited a charred stake 12 in. long under the same from which

A Burr Oak 22 in. diam. bears S 68½° W 308 lks. dist.

A Burr Oak 20 in. diam. bears N 5½° E 72 lks. dist.

51 75 Top of a ridge extends N 10° W & S 10° W

67 00 A ravine 100 lks wide 15 feet deep - Course S. E.

68 00 Left scattering timber and enter prairie bearing NW & SE.

Third Standard Parallel North - R 10 E.

80 00 Set a post in a mound and deposited a charred stake 12 in. long under the post for a corner to sections 34 & 35 T 13 N R 10 E

Surface hilly and broken. the first 70.00 chs. has a growth of scattering scrubby Burr Oaks - the remainder prairie - soil good and well adapted to graying -

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Along the south boundary of Section 35 T 13 N R 10 E East on a true line

28 50 A ravine 100 links wide - 15 feet deep - Course South East - bank lined with Burr Oak and Elm timber

40 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a Quarter section corner

41 00 Top of a ridge extending NW & SE

55 00 A branch 5 links wide fringed with burr Oak and Elm timber - Course SE - Its general Course South East

Third Standard Parallel North - R 10 E

71 00 Enter timber on a branch - bears N 50° E & S 50° W

72 05 A Black Walnut 14 in. diam.

74 50 A spring branch 7 links wide - Course S 45° W

80 00 Set a post and deposited a charred stake 12 in. long under it for a corner to sections 35 and 36 T 13 N R 10 E from which

A Burr Oak 34 in. diam. bears N 34½° W 119 lks. dist.

A Burr Oak 6 in. diam. bears S 51° E 18 lks. dist.

An Ash 6 in diam. bears S 38° W 19 lks. dist.

A Black Walnut 8 in. diam. bears N 20° E 94 lks. dist.

Surface hilly - The first 70.00 chains broken by ravines fringed with Burr Oak, Black Walnut, Elm and Lynn timber - The last 10 chs. has a growth of scattering timber of the same kind with a thick undergrowth of Hazel and vines -

September 11th 1855

Along the south boundary of Section 36 T 13 N R 10 E East on a true line

1 04 A Hickory 5 in. diam.

Third Standard Parallel North - R10E.

15 00 Left brushy woods and enter Prairie bearing North and South

31 90 Head of a ravine 100 links wide - 15 feet deep Course S W

40 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a quarter section corner -

80 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a corner to Township 13 North, Ranges 10 and 11 East

Variation of the Needle 10°51' East

Surface Hilly and broken - The first 15. chains brushy woods with scattering burr Oak trees. The remainder of the first half mile veined by ravines skirted with burr Oak and Elm timber of ordinary quality - The last half mile rolling prairie soil 1st rate

---

Third Standard Parallel North - R11E.

Along the south boundary of Section 31 T13N. R11E.
East on a true line

Variation 10° 51' East

33 00 Top of a high ridge in prairie extending NW and SE. From this point the bluffs on the right bank of Platte river can be seen. Their estimated distance 2½ miles.

40 00 Set a post in a mound and deposited a charred stake 12 in. long under the post for a quarter section corner

80 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a corner to sections 31 & 32 T13N R11E

High rolling prairie Soil 1st rate -

Along the south boundary of section 32 T13N. R11E.
East on a true line

40 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a quarter section corner

Third Standard Parallel North - R 11 E.

44 60 A branch 7 links wide Course N.E.
30.00 Chains distant below the crossing of the line to the head of the timber on said branch bearing N 30° E

80 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a corner to sections 32 & 33 T 13 N. R 11 E.

Gently rolling prairie soil 1st rate

Along the South boundary of Section 33 T 13 N. R 11 E.
East on a true line

40 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a ~~corner~~ quarter section corner

80 00 Set a Sandstone 19 in. long, 9 in. wide and 5 in. thick for a corner to sections 33 & 34 T 13 N R 11 E

High rolling prairie soil 1st rate

Third Standard Parallel North - R 11 E

Along the south boundary of Section 34 T 13 N R 11 E.
East on a true line

2 00 An Indian Trail leading S 80° E and N 80° W

40 00 Set a Sandstone 19 in. long 11 in. wide and 3½ in. thick for a quarter section corner

50 00 A spring branch 10 links wide Course N 30° E

52 30 An Indian Trail leading N 70° W and S 70° E

80 00 Set a Sandstone 19 in. long 11 in. wide and 3½ in. thick for a corner to sections 34 & 35 T 13 N R 11 E

Dry rolling prairie soil 1st rate

Along the South boundary of Section 35 T 13 N R 11 E
East on a true line

40 00 Set a Sandstone 21 in. long 10 in. wide and 4 in. thick for a quarter section corner

50 00 Left rolling upland Prairie and enter Platte River bottom bearing N 20° E and S 20° W

80 00 Set a Sandstone 19 in. long 7 in. wide and 3½ in. thick for a corner to sections 35 and 36 T 13 N.

Third Standard Parallel North - R 11 E

R 11 E

The first 50.00 chains rolling upland - The re-
-mainder bottom ~~bott~~ but not subject to inun-
-dation - All prairie soil 1st rate -

September 12th 1855

Along the South boundary of Section 36 T 13 N R 11 E
East on a true line

6 07 A Creek 20 links wide, with banks 12 feet high and miry bottom Course S 30° E. A Clear run-
-ning stream water 1 foot deep

39 00 Same Creek, water 20 links wide banks and bottom the same as at the last crossing - Course N 45° E

40 00 Set a post in a mound and deposited a charr-
ed stake 12 in. long under the post for a quar-
-ter section corner

44 30 Indian Trail from the Omaha to the Pawnee Towns leads N 55° E and S 55° W

71 25 A slough 25 links wide extending N 40° E & S 40° W

Third Standard Parallel North - R 11 E.

80 00 Set a post in a Mound and deposited a charred stake 12 in long under the post for a corner to Township 13 North, Ranges 11 and 12 East

Variation of the Needle 10° 55' East

Level bottom prairie, now dry, but subject to inundation both from the Creek and Platte River - Soil 1st rate

---

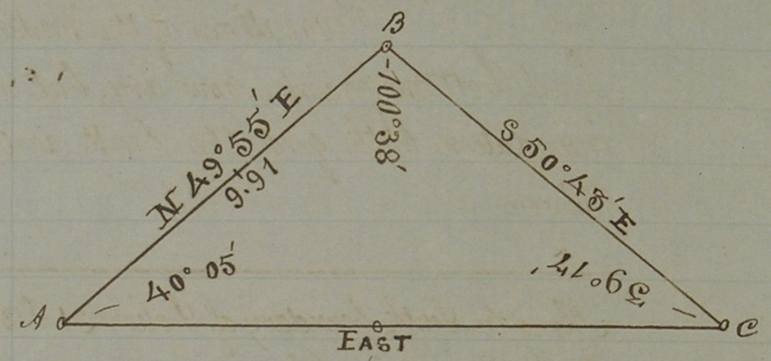
Along the South boundary of Section 31 T 13 N R 12 E
East on a true line

Variation 10° 55' East

16 00 Set a post in a Mound and deposited a charr-
-ed stake 12 in. long under the post on the left bank of Platte river 50 link west of the water's Edge which bears N 50° E and S 50° W
From said meander corner I set a post in line on the right bank, and then measured a base on the left bank N 49° 55' East 9.91 chains dist. to a Station from which the post in line on the right bank bears S 50° 43' E

Third Standard Parallel North – R 12 E.

and hence the distance between the Meander corner and the Post in line on the right bank = 15.38 Chains



As sine of the Angle C 39°17′ = 9.801511
Is to Sine of the Angle B 100°38′ = 9.992478
So is the base AB 991 links = 2.996074
12.988552
9.801511
To distance AC — links 1538 = 3.187041

And consequently 16.00 + 15.38 = 31.38 Chains

31 38 Set a post (10 links from the water's edge) and deposited a charred stake under it 12 in. long for a meander corner on the right bank of Platte River from which

Third Standard Parallel North – R 12 E

A Cotton wood 12 in. diam. bears N 75° E 20½ lks. dist.

A Cotton Wood 7 in. diam bears S 70° W 9 lks. dist.

The right bank of the river bears S 50° W and N 50° E – Water 5 feet deep – current rapid – bottom shifting sand

On the East bank of the river enter timber bearing N 50° E & S 50° W

31 53 A Cotton wood 8 in. diam.

34 40 A Cotton Wood 5 in. diam.

37 09 A Cotton wood 7 in. diam.

40 00 Set a post and deposited a charred stake under it for a quarter section corner from which

A Cotton Wood 16 in. diam. bears N 14½° W 64 lks. dist.

A Cotton Wood 12 in. diam. bears S 3° E 12 lks. dist.

48 49 Cedar 8 in. diam.

49 35 A Cotton wood 14 in. diam.

55 00 left timber and enter upon a dry Bayou or sand beach bearing N 40° E & S 40° W.

80 00 Set a temporary post on a barren sand beach. Being unable to establish the corner permanently at its true place I select as the nearest suitable witness point, a point due East of the

Third Standard Parallel North R 12 E.

true corner 19.05 chains distant and there set a post and deposited charred stake under it for a witness to the true corner to Sections 31 & 32 T 13 N R 12 E from which post

A Cotton Wood 26 in. diam. bears N 58° W 25 links dist.
A Cotton Wood 18 in. diam. bears S 65° E 125 links dist.
A Cotton Wood 22 in. diam. bears N 50° E 70 links dist.
A Cotton Wood 24 in. diam. bears S 5° W 120 links dist.

The first 16.00 Chains Level prairie subject to inundation to depth of several feet soil 1st rate. From the right bank of the river to the sand beach a thrifty growth of young cotton wood timber with a mixture of Cedar - 1st quality - The soil a deposite of sand & unfit for cultivation - The last 25.00 chs. a sandy waste - worthless

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Along the South boundary of Section 32 T 13 N R 12 E East on a true line

Third Standard Parallel North - R 12 E

19 05 The witness corner to sections 31 & 32 - Enter Scattering cotton Wood timber bearing N 40° E & S 40° W.

24 05 A Cotton wood 24 in. diam.

36 50 Enter a Bayou of Platte River (now nearly dry) bear N 65° E and S 65° W

40 00 corner in the Bayou - I therefore measure due east from the true quarter section corner 3.00 chs. distant and there set a post and deposited a charred stake under it 12 in. long as a witness corner from which

A Cotton Wood 28 in. diam. bears S 14½° E 114 links dist.
A Red Cedar 12 in. diam. bears N 14½° W 332 lks. dist.

42 75 ~~Left~~ Right bank of Bayou bears N 65° E & S 65° W. at this point left the timber and enter upon a prairie bottom bearing the same as the bank of the Bayou

60 00 Left the river bottom and enter dry, rolling, upland prairie bearing NE and SW

80 00 Set a Sandstone 19 in. long 13 in. wide and 3 in. thick for a corner to sections 32 and 33 T 13 N.

Third Standard Parallel North - R 12 E.

N. R 12 E

1st. half mile scattering cotton wood timber in the river bottom - soil a deposite of white sand unfit for cultivation - From the 1/4 sec. corner East 20.00 ch.s bottom Prairie soil 1st rate - The remaining 20.00 ch.s rolling upland prairie of the first quality

---

Along the south boundary of section 33 T 13 N R 12 E
East on a true line

28 00 Top of a high ridge in prairie bears N & S.

40 00 Set a Sandstone 19 in. long 13 in. wide and 4 in. thick for a quarter section corner

72 25 Enter Marshy Basin bearing N 20° E and S 20° E

78 00 Left marshy basin and enter rolling upland bears N 20° W and S 20° W & extends about 5 ch.s south and 9 ch.s north of the line

80 00 Set a Sandstone 17 in. long 13 in. wide and 4 in thick for a corner to Sections 33 and 34 T 13 N R 12 E.

Third Standard Parallel North - R. 12 E

All Prairie hilly and rolling soil 1st rate except in the marsh which is unfit for cultivation.

Along the south boundary of Section 34 T 13 N R 12 E
East on a true line

Variation 10° 42' East

10 00 Top of a ridge extending North and South. at this point left Prairie and enter bluffs covered with scattering scrubby Burr Oak trees.

19 00 bottom of a hollow 70 feet below the station at 10 ch.s Course North

25 00 Top of a ridge 50 feet above the bottom of the hollow last crossed - bears N. & S.

29 50 bottom of a hollow 50 feet deep Course N 15° W

40 00 Set a Sandstone 17 in. long 9 in. wide and 6 in. thick for a quarter section corner

49 00 Left hills and enter prairie bearing N. & S. An Indian Trail on the top of a ridge bears N E and S W

80 00 Set a Sandstone 18 in. long 11 in. wide and 5 in. thick for a corner to Sections 34 & 35

Third Standard Parallel North R12E

T13N R12E

The first 10 chs. and last ½ mile high rolling prairie Soil 1st rate - The remainder broken and hilly with soil of inferior quality and producing a growth of scattering scrubby burr Oaks

September 13th 1855

Along the South boundary of Section 35 T13N R12E
East on a true line

27 30 A Spring branch 10 links wide skirted with Burr Oak, Black Walnut and Elm timber - Course NE

40 00 Set a post in a Mound and deposited a charred stake 12 in long under the post for a quarter Section corner

46 60 An Indian Trail leading N20°E & S20°W

80 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a corner to sections 35 and 36 T13N R 12E

Third Standard Parallel North - R12E.

All prairie except along the banks of the branch which are skirted with Burr Oak Black Walnut and Elm timber of a 2d. quality - Surface hilly and broken soil good -

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Along the South boundary of Section 36 T13N R12E
East on a true line

2 25 A branch 8 links wide Course N 30° E

24 00 Left rolling upland and enter platte river bottom bearing N 55° W and S 55° E - From this point north to the right bank of Platte river ¾ of a mile -

40 00 Set a post in a mound and deposited a charred stake 12 in long under the post for a ~~corner to~~ quarter section corner

80 00 Set a Limestone 20 in. long 10 in. wide and 4½ in. thick for a corner to (sections 36 in Range 12 E and 31 in Range 13 E) Township 13 North Ranges 12 and 13 East

Variation 10° 48' East

Third Standard Parallel North R13E

Level prairie north of the line and subject to inundation, but on the south of it, high rolling dry prairie soil 1st rate.

Along the south boundary of Section 31 T13N R13E East on a true line

Variation 10°48' East

40 00 Set a Limestone 18 in. long 13 in. wide and 3½ in. thick for a quarter section corner which stands at the foot of the bluffs which bear N85°E and S80°W – At this point left level bottom prairie and enter bluffs covered with scattering scrubby burr Oaks.

46 92 A Burr Oak 22 in. diam.

53 50 Crossed the point of a high bluff descending north

57 15 A branch 7 lks wide in a deep hollow Course N15°W

79 00 Indian trail on the top of a high ridge leads S30°E and N45°W

80 00 Set a Limestone 14 in. long 12 in. wide and

Third Standard Parallel North R13E

4½ in. thick for a corner to sections 31 & 32 T13N R13E from which

A Burr Oak 14 in. diam. bears S35½°W 56 lks dist

A Spanish Oak 28 in. diam. bears N62°E 70 lks dist.

An Ash 20 in. diam. bears N20°W 68 lks dist.

A Spanish Oak 25 in. diam bears S25°E 71 lks dist.

1st ½ mile level prairie in the river bottom soil 1st rate – the remainder broken and hilly with scattering scrubby burr Oaks and soil of inferior quality – unfit for cultivation – In several places among the bluffs found an Out crop of Limestone rocks

---

Along the South boundary of Section 32 T13N R13E East on a true line

2 00 Bottom of hollow 60 feet deep course North

9 50 Top of a ridge N10°E and S10°W – From this station north to Platte River about ¼ of a mile – The Old Catholic Mission on the north side of the river bears N21°W

Third Standard Parallel North - R13E

16 50 bottom of a hollow 90 feet deep course N10°W.
22 46 A burr Oak 10 in. diam. on a high ridge bearing N & S.
26 50 bottom of a hollow 50 feet deep - Course North.
30 75 Top of a high ridge bearing N & S
31 35 An Indian Trail bearing NE and SW
40 00 Set a post and deposited a charred stake under it 12 in long for a quarter section corner from which
A Black Oak 30 in. diam. bears N8½°E 81 lks. dist.
A Burr Oak 18 in. diam. bears S4½°E 50 lks. dist.
41 92 A Black Oak 24 in. diam.
72 00 Enter prairie bearing N & S
75 00 A dry branch or gully course NE
80 00 Set a Limestone 22 in. long 12 in. wide and 3 in. thick for a corner to sections 32 & 33 T13N R13E
First 40.00 ch. extremely broken and hilly producing a growth of scattering scrubby burr Oak - the remainder more level and the timbered portion of it has a good 2d. rate growth of Black Oak

Third Standard Parallel North - R13E

and Burr Oak timber. On the S.E ¼ of this section (32) there is a settler's residence but could not get the bearings of it as it could not be seen from the line.

September 14th 1855

Along the South boundary of section 33 T13N R13E East on a true line

Variation 11°00' East

10 45 An Indian Trail on the top of a ridge bears N20°E & S20°W
15 10 Indian trail leads N5°W and S5°E
40 00 Set a Limestone 19 in. long 15 in. wide and 3 in. thick for a quarter section corner
44 00 An Indian Trail leads N45°W and S45°E
48 00 An Indian Trail bearing N45°W and S45°E
52 00 Left upland Prairie and enter Platte river bottom bearing N50°W and S40°E
80 00 Set a Limestone 26 in. long 15 in wide and 2½ in thick for a corner to sections 33 and 34 T13 N R13E. From this point the old Catholic

Third Standard Parallel North - R 13 E.

Mission bears N 54° 10' W 256 85/100 Chs. dist.

First 52.00 Chs. rolling upland prairie the remainder in the river bottom but not subject to inundation - Soil 1st rate

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

17 85 Bachelor's Creek 20 links wide Course N 30° E. A Clear running stream, water 12 in. deep banks steep 12 feet high and miry

40 00 Set a Limestone 25 in. long 11 in. wide and 4 in. thick for a quarter section corner

80 00 Set a Limestone 22 in. long 11 in. wide and 3 in. thick for a corner to sections 34 and 35 T 13 N R 13 E. From this corner a bend in Bachelor's Creek bears N 30° W 9 chs. distant

Level bottom prairie not subject to inundation soil 1st quality

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Third Standard Parallel North - R 13 E.

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

10 20 Indian trail bearing N 30° W and S 30° E

14 00 Indian trail bearing N 50° E and S 50° W

36 45 A Wagon Road leading N 5° W and S 5° E

40 00 Set a Limestone 24 in. long 13 in. wide and 3 in. thick for a Quarter section corner. ~~80 00 Set a Limestone 24 in long~~ From this corner Jefferson Martin's House bears S 53° E

80 00 Set a Limestone 24 in. long 11 in. wide and 3 in. thick for a corner to sections 35 and 36 T 13 N R 13 E - From this corner Jefferson Martin's House bears S 11° 45' E 36.51 Chs. dist.

Level bottom prairie not subject to inundation soil 1st rate

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

27 45 An Indian Trail bearing N 10° W and S 10° E

40 00 Set a Limestone 20 in. long 11 in. wide and

Third Standard Parallel North R 13 E

4 in. thick for a quarter section corner.

67 50 Set a temporary post near the right bank of Platte river -

68 00 Intersected the right bank of Platte river and enter upon a barren sand beach in the river's bed - bearing of the river bank S 25° E and N 40° W

79 30 Set a temporary post at the waters edge on the right shore of platte river which bears N 45° W & S 45° E

80 00 Corner in the river. I therefore return to the temporary post at 67.50 and there, as it is the nearest suitable witness point set a Limestone 17 in. long 13 in. wide and 7 in. thick for a witness to the true corner to townships 13 North, Ranges 13 and 14 East - Said stone being 12.50 chains due West of the true Township cor= =ner and marked with the letters and figures following: Viz: "T 13" on the north

Third Standard Parallel North. R 13 E

side - "R 13" on the west side, and "R 14" on the East side

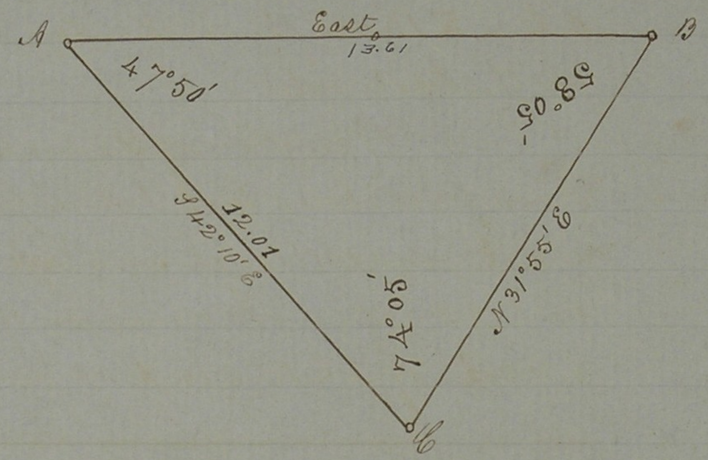
Variation of the needle 10° 33' East

First 68.00 chains level bottom prairie - sub= =ject to inundation at very high water only, soil 1st rate - The remainder of this mile a waste of white sand or in the river.

Along the South boundary of section 31 T 13 N R 14 E East on a true line

From the temporary post set at 79.30 on the South boundary of Section 36 T 13 N R 13 E, I set a flagstaff due East on the left bank of Platte River and also measure a base on the right shore S 42° 10' E 12.01 ch. to a station from which the flagstaff on the left bank bears N 31° 55' E, and consequently the distance between the Station at 79.30 on the south boundary of Section 36 and the flagstaff on the left bank = 13.61 Chains -

Third Standard Parallel North - R 14 E.



As the Sine of the Angle B - 58°05' = 9.928815
Sets the sine of the Angle C - 74°05' = 9.983022
So is the Base A.C. = 12.01 chs = 1.079543
10.062565
9.928815

chs
To distance AB ——— 13.61 = 1.133750

The westernmost station at (A) 79.30 being 70 links west of the true township corner, the flagstaff is 13.61 - 70 = 12.91 chs. East of the true corner and hence at

12 91 Set a flagstaff on the East or left bank of Platte which bears N 40° W and S 40° E - The banks

Third Standard Parallel North - R 14 E.

of this stream are low and composed wholly of white sand - The average depth of the water is about 4 feet ~~deep~~ - the bottom of the stream a mass of shifting sand - Current rapid

From the post at 12.91 I measure East over a sandy waste interspersed with thickets of young willows and Cottonwoods 12.49 chs. farther and at 12.91 + 12.49 = 25.40 chs.

25 40 left sand bank and enter a thicket of willow and cottonwood brush bearing N 30° W and S 30° E

29 60 Set a meander corner post and deposited a charred stake 12 in. long under the same from which

A Cotton Wood 14 in. diam. bears S 19° E 33 lks. dist.
A Cotton Wood 12 in diam. bears N 75° W 34 lks. dist.
at this point enter timber bearing N 30° W and S 30° E

29 94 A Cotton wood 12 in. diam.

Third Standard Parallel North - R 14 E

40 00 Set a post and deposited a charred stake under it for a quarter section corner from which

A Cotton wood 28 in diam bears S 63° W 39 lks. dist.

A Cotton Wood 18 in diam. bears N 85° E 86 lks. dist.

56 69 A Cotton wood 14 in. diam.

59 42 A Cotton Wood 18 in. diam.

70 95 Intersected the right bank of the main channel of the Missouri River which bears S 12° W and N 30° E — The Mouth of platte river bears S 12° W, its estimated distance 50 chs. As this is the only point on the line from which the mouth of the Platte could be seen, its distance could not be obtained by triangulation. The general course of the missouri so far as it can be seen from the line is S 25° W its average breadth about a 1/2 mile — Its banks like those of the platte are low and composed altogether of sand: Sixty one links due west of the point of intersection or at 70.34 chs from the Township

Third Standard Parallel North - R 14 E

corner Set a post & deposited a charred stake under it 12 in. long for a witness to the point where the 3d Standard Parallel intersects the right bank of Missouri River, from which post

A Cotton wood 12 in. diam. bears S 19° E 41 1/2 links dist

A Cotton wood 9 in. diam. bears S 32 1/2° W 31 links dist.

A Cotton wood 12 in. diam. bears N 60° E 29 links dist

A Cotton wood 14 in. diam. bears N 45° W 77 links dist

Variation of the Needle 10° 48' East

First 30.00 chs either a sand bank or in the river - worthless - The remainder of the distance a thrifty growth of the 1st. quality of young Cotton wood timber ~~trees~~ averageing from 10 to 18 in. diameter - Soil, a deposite of sand, - unsuitable for cultivation and subject to inundation at to the depth of Several feet Compared the measuring chains with the standard and found them correct

September 15th 1855

Third Standard Parallel North.

General description

This Parallel with the exception of the first 6 miles runs within the range of either the Channel-bottom or bluffs and hills of the Platte river. The land is, in consequence hilly and broken except in the immediate vicinity of the river, where it is almost invariably level, but dry and productive. The timber is scarce-trees scattering and scrubby. Red-sandstone is found in masses in the bluffs of the platte until the line reaches range 13 East when the rock in the bluffs are found to be Limestone. The soil is generally good, and in most cases first rate-usually improving in quality as the distance from the river increases. Outside of the range of the bluffs & hills along the Platte the country is almost wholly prairie, and either rolling or gently undulating. No settlement was found in the vicinity of the line over 6 miles from the Missouri River.

Third 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 Field Notes of the third Standard Parallel North of the Principal Base Line and East of the Guide Meridian, showing the respective capacities in which they acted:

William H Hoover	Fore-chainmen
Cornelius B Keller	Fore-chainmen
Elisha Siefendorf	Rear-chainmen up to the 10th day of September 1855
John Mow	Rear-chainmen up to the 10th day of September 1855
Daniel H Wright	Rear-chainmen on and after the 10th day of september 1855
Edward B Chinn	Rear-chainmen on and after the 10th day of september 1855
Joseph Wood	Fore-flagman
George R Hoyt	Rear-flagman
Samuel E Forsyth	Axeman

Third Standard Parallel North

We hereby certify that we assisted Chas. A. Manners, deputy Surveyor, in surveying the third Standard Parallel North of the Principal base line in the Territory of Nebraska from its beginning on the Guide Meridian at the corner to Townships 12 and 13 North, between ranges 8 and 9 East,- East to the Missouri River (each in the respective capacity and as set forth in the foregoing list of names) and that said 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

William H. Hooney	Fore-Chainmen
Cornelius B. Heller	
Elisha Dilfendorf	rear-Chainman up to September 10th 1855
Daniel H. Wright	Rear-Chainmen on and after the 10th of September 1855
Edward B. Chinn	
Joseph wool	Fore-Flagman
George W. Glass	rear-Flagman
Samuel E. Forsyth	Axeman

Third Standard Parallel North.

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 18th day of September 1855

Miles M. Brown
Justice of the peace.

I hereby certify that I assisted Chas. A. Manners deputy Surveyor, in Surveying the third Standard Parallel North of the Principal Base Line in the Territory of Nebraska from its beginning on the Guide Meridian at the corner to townships 12 and 13 North, between ranges 8 and 9 East- East to the ~~corner~~ to sections 31 and 32 T 13 N R 10 E of the 6th principal Meridian and that said line has been in all respects ~~well and~~ to the best of my knowledge and belief, well and faithfully surveyed, and the boundary monuments planted according to the instructions furnished by the

Third Standard Parallel North

Surveyor General

John Mow } one of the rear chainmen

Subscribed and sworn to by the above named person, before me, a Judge of Probate Ex Officio Justice of the peace for the County of Nemaha in the territory of Nebraska this 24th day of September 1855.

A J Benedict Judge of Probate Ex Officio
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 States in the Territory of Nebraska, bearing date the 26th 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 Third Standard Parallel

Third Standard Parallel North-North of the Principal Base Line for the Territory of Nebraska, from its beginning on the Guide Meridian between Ranges 8 & 9 East ~~at the corner~~ of the 6th principal Meridian, at the corner to Townships 12 & 13 North - East to the Missouri river in the Territory of Nebraska 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 19th day of September 1855

Miles W Brown
Justice of the Peace

56/119

Surveyor's Office at
Wyandott Jan. 10th 1856

The foregoing field notes of the Survey of the Third 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 26th day of April 1855, in the month of September 1855, 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 of
Kansas & Nebraska

General Land Office • Original Field Notes

Book Number

10

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.