General Land Office • Original Field Notes

Book Number

9

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.

Contract No 109

Field Notes

of the Survey of the Second Standard Parallel or Correction line, Between the 6th Principal Meridian and the Guide Meridian East therefrom, in the Territory of Nebraska, as surveyed by

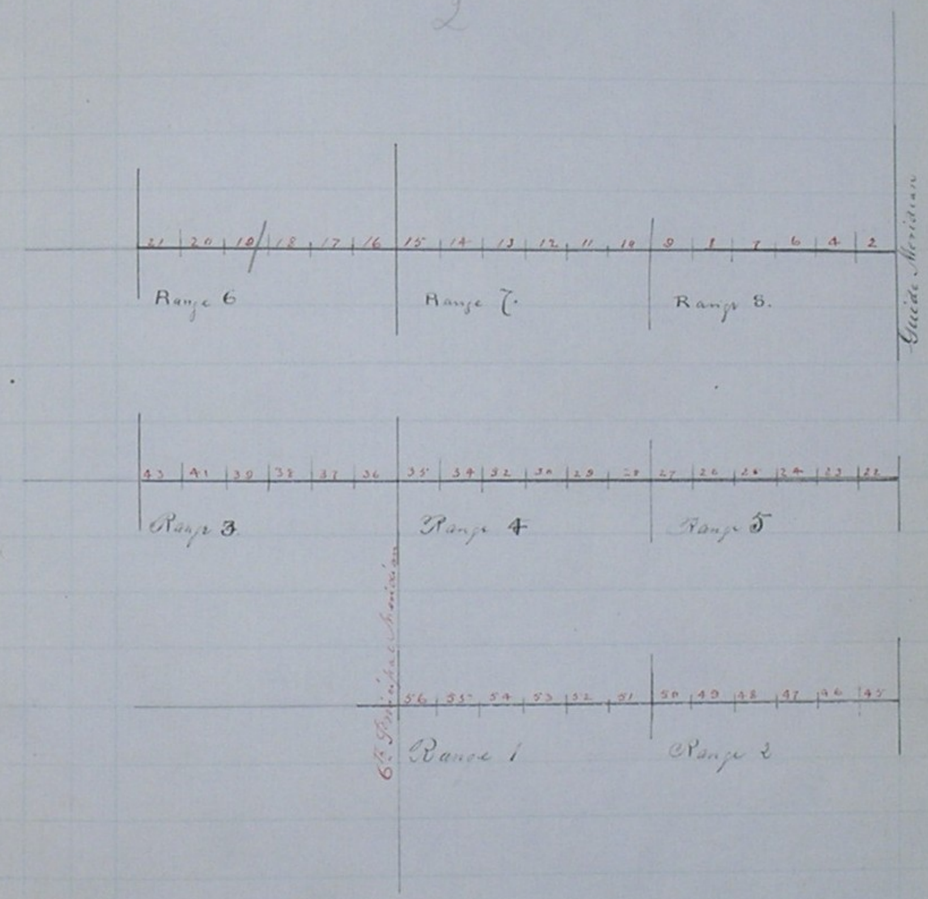
Chas A Manners
Deputy Surveyor

Under his contract dated March 28. 1856

Commenced June 26. 1856
Completed July 20. 1856

Names and duties of Assistants

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



d

e

Second Standard Parallel North

From the post in a mound on the Sixth Principal Meridian at the corner to Townships Eight and Nine North of the Base Line I run East on a random line, setting temporary posts at every 40 and 80 chains respectively, and at 47 miles 37 chains and 84 links, intersected the Guide Meridian, between Ranges 8 and 9 East, 333½ links north of the Stone corner to Townships 8 and 9 North, Ranges 8 and 9 East. The correction therefore necessary to connect the corresponding Township corners on the Principal and Guide Meridians will be 7⅛ links South per mile; and 216 links west at each corner in Range 8 East, in order to throw the deficiency of measurement on the west fractional tier of sections in said range.

The random line run East on the 26th 27th 28th 29th and 30th days of June 1856 – The measuring chains having been compared with the Standard each day and kept carefully adjusted so as to agree with the same. The true course necessary to retrace the Parallel N 89°57' W.

Second Standard Parallel North
R 8 E.

Begin at the Stone corner to Townships 8 and 9 North, Ranges 8 and 9 East I run
Along the South boundary of Section 36 T 9 N R 8 E
N 89°57' W. on a true line

Variation 10°48' East

(The same variation being found to trace the Guide Meridian and the Standard Parallel running East therefrom.)

15 00	Top of a high ridge bearing N 30° W and S 30° E
22 30	Drain, Course South
26 20	Top of ridge bearing N & S
31 20	Drain, Course South
36 00	Ridge bearing N. and S.
40 00	Set a Lime Stone 15 in. long 14 in. wide and 6 in. thick for a quarter section corner
48 00	Ridge bearing N & S
57 00	Drain Course South
61 00	Top of a ridge bearing N. & S.
75 60	Branch 5 links wide, Course SE
79 40	Same branch 5 links wide, Course NW

Second Standard Parallel North
R 8 E.

80 00 Set a Lime Stone 20 in. long. 11 in. wide and 5 in. thick for a corner to sections 35 and 36 Tp N R 8 E

Rolling prairie
Soil; good 2d rate

Second Standard Parallel North
R 8 E.

Along the south boundary of section 35 Tp N R 8 E
N 89°57' W. on a true line
Variation 10°48' East

2 95 Same branch (noted on last mile) 5 links wide, Course SE
3 60 Same branch 5 links wide, Course NW
4 55 Same branch 5 links wide, Course SE
8 50 Same branch 5 links wide, Course North
15 00 Same branch 5 links wide, Course South
18 60 Same branch 5 links wide, Course NE
20 55 Same branch 5 links wide, Course South
23 35 Same branch 5 links wide, Course North
26 30 Same branch 5 links wide, Course SE
37 00 Drain, Course North
40 00 Set a Lime Stone 19 in. long 11 in. wide and 5 in. thick for a quarter section corner
40 95 Branch (same last noted) 10 links wide, Course North
46 50 Same branch 5 links wide, Course SE
59 00 Drain, Course NE
80 00 Set a Lime Stone 19 in. long, 11 in. wide and 5 in.

Second Standard Parallel North
R 8 E.

thick for a corner to sections 34 and 35 T
9 N. R 8 E

Rolling Prairie
Soil 1st rate

Second Standard Parallel North
R 8 E.

Along the south boundary of Section 34 T 9 N R 8 E
N 89°57' W. on a true line
Variation 10°45' East

4 00 Summit of a high ridge bearing N. & S.
19 50 Indian Trail bearing N E. and S W.
22 00 Top of a high ridge bearing N E & S W
40 00 Set a Lime Stone 20 in. long 11 in wide and 5 in. thick
for a quarter section corner
49 30 Drain. Course S W
80 00 Set a Lime Stone 20 in. long 14 in. wide and
3 in. thick for a corner to sections 33 and 34
T 9 N. R 8 E

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 8 E.

Along the south boundary of Section 33 Tp N R 8 E
N 89° 57' W. on a true line
Variation 10° 45' East

3 00 Branch 8 links wide, Course S E
40 00 Set a Lime Stone 18 in. long 10 in. wide and 5 in. thick for a quarter section corner
41 20 Drain, Course, North
45 00 Top of a ridge bearing N. & S.
51 50 Same branch 8 links wide Course North
53 35 Same branch 8 links wide Course S E
54 30 Same branch 8 links wide Course N E
62 60 Same branch 8 links wide Course S E
64 20 Same branch 8 links wide Course N E
68 75 Same branch 8 links wide Course S E
80 00 Set a Lime Stone 15 in. long 11 in. wide and 6 in. thick for a corner to sections 32 & 33 Tp N R 8 E

Gently rolling prairie
Soil 1st rate

Second Standard Parallel North
R 8 E.

Along the South boundary of Section 32 Tp N R 8 E
N 89° 57' W. on a true line
Variation 10° 45' East

8 00 Drain, Course North
26 00 Drain, Course North
36 00 Drain, Course N E
40 00 Set a Lime Stone 16 in. long 15 in. wide and 5 in. thick for a quarter section corner, on top of a high ridge bearing N E. and S W.
54 00 Drain, Course N E
80 00 Set a Lime Stone 21 in. long 10 in. wide and 6 in. thick for a corner to sections 31 and 32 Tp N. R 8 E – on a high ridge bearing N. and S.

Rolling prairie
Soil 1st rate

Second Standard Parallel North
R 8 E.

Along the South boundary of Section 31 T 9 N R 8 E
N 89° 57' W on a true line

Variation 10° 55' East

29 45 Drain Course S W
32 80 Drain Course S E
37 84 Set a Lime Stone 24 in. long 10 in. wide and 6 in. thick for a corner to Township 9 North, Ranges 7 and 8 East

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 7 E.

Along the South boundary of Section 36 T 9 N R 7 E
N 89° 57' W. on a true line

Variation 11° 12' East

2 70 Drain Course N 60° E
34 00 Summit of dividing ridge between the waters of Little Nemaha and Saline Rivers bearing N 30° W and S 30° E
40 00 Set a Lime Stone 24 in. long 15 in. wide and 2 in. thick for a quarter Section corner
65 00 Top of a ridge bearing N. and S.
80 00 Set a Lime Stone 26 in. long 18 in. wide and 3 in. thick for a corner to sections 35 and 36 T 9 N R 7 E

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 7 E

Along the South boundary of Section 35 T 9 N R 7 E
N 89° 57' W. on a true line
Variation 11° 25' East

37 00 Branch 5 links wide, Course South
38 15 Same branch 5 links wide, Course North
39 40 Same branch 5 links wide, Course South – Its general course S 20° W
40 00 Set a Lime Stone 20 in. long 14 in. wide and 3 in. thick for a quarter section corner
62 00 Summit of a ridge bearing SW. and NE
80 00 Set a Lime Stone 19 in. long 9 in. wide and 5 in. thick for a corner to sections 34 & 35 T 9 N R 7 E.

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 7 E

Along the South boundary of Section 34 T 9 N. R 7 E
N 89° 57' W. on a true line
Variation 11° 14' East

9 70 Branch 5 links wide, Course South
40 00 Set a Lime Stone 17 in. long 10 in. wide and 5 in. thick for a quarter section corner
75 00 Top of a high ridge bearing N 30° E and S 30° W
80 00 Set a Lime Stone 20 in long 10 in. wide and 4 in. thick for a corner to sections 33 and 34 T 9 N R 7 E

Rolling prairie
Soil 1st rate

Second Standard Parallel North
R 7 E

Along the South boundary of Section 33 Tp N. R 7 E
N 89° 57' W. on a true line
Variation 11° 06' East

8 20 Drain, Course S W
40 00 Set a Lime Stone 27 in. long 17 in. wide and 2 in. thick for a quarter section corner
51 90 Drain, Course S W
80 00 Set a Lime Stone 25 in. long 17 in. wide and 3 in thick for a corner to Sections 32 and 33 Tp N R 7 E

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 7 E

Along the south boundary of Section 32 Tp N R 7 E
N. 89° 57' W. on a true line
Variation 11° 20' East

3 00 Drain. Course N E
9 00 Top of a ridge bearing N. and S.
31 20 Drain, Course S W
40 00 Set a Lime Stone 22 in. long 9 in. wide and 5 in. thick for a quarter Section corner (on a ridge bearing N E. and S W.
58 40 Drain, Course S W
70 50 Drain, Course S W
74 00 Top of a ridge bearing N E. and S W
77 20 Drain, Course South
80 00 Set a Lime Stone 21 in. long 13 in. wide and 5 in. thick for a corner to sections 31 and 32 Tp N R 7 E

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 7 E

Along the South boundary of Section 31 T 9 N R 7 E
N 89° 57' W. on a true line
Variation 11° 15' East

5 00 Top of a ridge bearing N. and S.
8 00 Drain, Course South
40 00 Set a Lime Stone 22 in. long 10 in. wide and 3 in. thick for a quarter section corner — From this corner a Settler's Cabin bears S 4° 25' E.
48 00 Left rolling land, and enter level bottom bearing N. and S.
80 00 Set a Lime Stone 25 in. long 12 in. wide and 5 in. thick with trench as per instructions for a corner to Township 9 North, Ranges 6 and 7 East from which
An Elm 22 in. dia. bears N 79½° W 427 links dist.
Settler's Cabin (above noted) bears S 23° 00' E.
First 48.00 chains Rolling — the balance level. Soil 1st rate

July 17th 1856

Second Standard Parallel North
R 6 E

Along the South boundary of Section 36 T 9 N R 6 E
N 89° 57' W. on a true line
Variation 11° 32' East

5 10 Salt Creek, 40 links wide — water 1 foot deep — current moderate — Banks high and steep, bottom miry and runs N 20° E. Large groves of timber on this Creek both above and below the line, but only a few scattering trees at the crossing. General Course of Creek N W.
22 00 A bend in the Left bank of Salt Creek 70 links North of the line bearing NW and N 60° E
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner
53 70 Branch 8 links wide, Course North
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 36 and 35 T 9 N. R 6 E. Rolling land; Soil 1st rate
Timber in the groves: Burr Oak, Elm, Walnut and Hackberry 1st quality.

Second Standard Parallel North
R 6 E

Along the south boundary of Section 35 T 9 N R 6 E
N 89°57' W. on a true line

Variation 11°50' East

12 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.
63 10 Indian Trail on top of a ridge bearing N 20° W & S 20° E.
69 50 Drain, Course N W
78 00 Drain, Course N 20° 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 9 N R 6 E

Rolling prairie
Soil 2d rate

Second Standard Parallel North
R 6 E

Along the South boundary of Section 34 T 9 N. R 6 E
N 89°57' W. on a true line

Variation 12°00' East

15 00 Drain, Course N W
32 00 Branch 7 links wide, Course North – Its general course NE.
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner.
42 60 Drain, Course SE
69 10 Drain, Course SE
70 00 Top of Ridge bearing N. and 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 9 N. R 6 E

Rolling prairie
Soil 2d rate

Second Standard Parallel North
R 6 E

Along the South boundary of Section 33 Tp N R 6 E
N 89°57' W. on a true line
Variation 11° 45' East

10 50 Drain, Course N E
37 00 Top of ridge 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.
55 90 Branch 8 links wide, Course North
80 00 Corner in a drain (Course N E). As the corner could not be permanently established in its true place, I therefore select a witness point 100 links on line East on line of the true corner, where I set a post in a mound and deposited a charred stake as per instructions for a "Witness Corner" to Sections 32 and 33 Tp N R 6 E

High rolling prairie
Soil 2d rate

Second Standard Parallel North
R 6 E.

Along the South boundary of Section 32 Tp N R 6 E
N 89°57' W. on a true line
Variation 11°33' East

21 00 Top of a high 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
44 10 branch 6 links wide, Course North
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 31 and 32 Tp N R 6 E

High rolling prairie
Soil 2d rate

Second Standard Parallel North
R 6 E

Along the South boundary of Section 31 Tp 9 N R 6 E
N 89°57' W. on a true line

Variation 11°33' East

2 30 Drain, course N 20° E
26 00 Top of a ridge 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
55 00 Drain, Course N W
66 35 Branch 7 links wide Course North
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Township 9 North, Ranges 5 and 6 East

High rolling prairie
Soil 2d rate

Second Standard Parallel North
R 5 E.

Along the South boundary of Section 36 Tp 9 N R 5 E
N 89°57' W. on a true line

Variation 11°35' East

4 00 Top of a ridge bearing N. and S.
31 30 Branch 10 links wide, Course North
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner
78 40 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 Tp 9 N R 5 E

High rolling prairie
Soil 2d rate

Second Standard Parallel North
R 5 E

Along the South boundary of Section 35 T 9 N R 5 E
N 89° 57' W. on a true line

Variation 11° 55' East

13 00 Top of a ridge bearing N. and S.
40 00 Set a Granite Boulder 24 in. long 15 in. wide and 12 in. thick for a quarter section corner (on a high point sloping N W
60 90 Spring branch (excellent water) 8 links wide, Course 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 9 N R 5 E

Hilly Prairie
Soil 2d rate

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

Second Standard Parallel North
R 5 E

Along the South boundary of Section 34 T 9 N R 5 E
N 89° 57' W. on a true line

Variation 12° 05' East

1 30 Branch 5 links wide, Course N E
32 50 Top of a ridge 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
57 40 Branch 12 links wide, Course N 20° 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 9 N R 5 E

Hilly prairie
Soil 2d rate

Second Standard Parallel North
R 5 E

Along the South boundary of Section 33 T 9 N R 5 E
N 89° 57' W. on a true line
Variation 12° 05' East

18 80 Drain, Course North
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
45 00 Drain, Course N 60° W
53 50 Same drain, Course SW
60 50 Same drain, Course NW
76 80 A miry branch 10 links wide, Course N 20° 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 9 N R 5 E

Rolling prairie
Soil 2d rate

Second Standard Parallel North
R 5 E

Along the South boundary of Section 32 T 9 N R 5 E
N 89° 57' W. on a true line
Variation 12° 05' East

6 00 Drain, Course S 70° E
28 75 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 near the head of a drain that descends N E.
56 50 Indian Trail on a ridge bearing N E. & S W.
79 60 Drain, Course North
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 9 N. R 5 E

Hilly prairie
Soil 2d rate

Second Standard Parallel North
R 5 E

Along the south boundary of Section 31 T 9 N R 5 E
N 89° 57' W. on a true line

Variation 11° 57' East

34 80 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
42 15 Drain, Course North
60 00 Top of a Mound
80 00 Corner in bank of a drain that descends NW. 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 Township 9 North, Ranges 4 and 5 East

Hilly prairie
Soil 2d rate

Second Standard Parallel North
R 4 E

Along the South boundary of Section 36 T 9 N. R 4 E
N 89° 57' W. on a true line

Variation 12° 00' East

1 00 Drain, Course N W.
10 70 Spring branch 5 links wide, Course N E
40 00 Set a Granite Boulder 18 in. long 10 in. wide and 9 in. thick with a small mound of stones around it (on a stony point sloping S E.) for a quarter section corner
52 00 Top of a high ridge bearing N E. and S W.
60 05 Drain, Course North
65 00 Top of a high ridge bearing N. and S.
75 75 Deep 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 9 N R 4 E

Broken and hilly prairie
Soil 3d rate

Second Standard Parallel North
R 4 E

Along the South boundary of Section 35 T 9 N R 4 E
N 89° 57' W. on a true line
Variation 12° 06' East

21 00 Top of a ridge bearing N E. and S W
28 10 Deep drain, Course North
32 00 Top of a ridge bearing N. and S.
38 50 Deep 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
50 00 Top of a ridge bearing N. & S.
70 80 Drain, Course North
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 9 N. R 4 E

Hilly and broken prairie
Soil 3d rate

Second Standard Parallel North
R 4 E

Along the South boundary of Section 34 T 9 N R 4 E
N 89° 57' W on a true line
Variation 12° 06' East

6 00 Drain, Course North
8 00 Top of Ridge bearing N. and S.
10 40 Deep Drain, Course North
24 00 Ravine, Course N E
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 summit of the ridge dividing the waters of Big Blue from Saline river, which bears S E and N W.
70 00 Leave prairie and enter timber bearing N E & S E
72 00 Dry ravine 100 links wide and 15 feet deep, Course N W
80 00 Set a post and deposited a charred stake as per instructions (on the west bank of a dry hollow, Course North) for a corner to sections 33 and

Second Standard Parallel North
R 4 E

34 Tp N R 4 E. from which
A Burr Oak 14 in dia bears S 23° W 23½ links dist.
A Burr Oak 24 in. dia. bears N 45° E 26 links dist.
A Burr Oak 26 in. dia. bears S. 32° E 39 links dist.
A Burr Oak 16 in. dia. bears N 61° W 57. links dist
Leave timber and enter prairie bearing S 80° E and N 80° W

Surface hilly and broken; Soil 2d. rate
Scattering Burr Oak timber skirting the ravines on the last 10.00 chains

Second Standard Parallel North
R 4 E

Along the South boundary of Section 33 Tp N R 4 E
N 89° 57' W. on a true line
Variation 17° 35' East

15 00 Leave prairie and enter scattering timber bearing SE & NE.
26 50 Branch 5 links wide Course SW
30 60 Ravine 100 links wide - 15 feet deep, Course South.
32 00 Leave scattering timber and enter prairie bearing N 20° E and S 20° W
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
52 00 Top of a ridge bearing N. and S.
60 00 Left hills and enter level bottom bearing N. and S.
79 00 Enter low bottom subject to inundation bearing N W. and S E.
80 00 Set a post, deposited charred stake and dug trench as per instructions for a corner to sections 32 and 33 Tp N R 4 E from which
A Burr Oak 12 in. dia. bears N 79° E 167 links dist. (a lonely tree)
No other tree convenient to mark
First 60.00 chains hilly and broken; soil 3d. rate

Second Standard Parallel North
R 4 E

Last 20.00 chains level; soil 1st rate
Timber, chiefly Burr Oak, scattering and scrubby.
Compared the measuring chains with the
Standard and found them correct
July 18th 1856

Second Standard Parallel North
R 4 E

Along the South boundary of Section 32 T 9 N R 4 E
N 89°57' W on a true line
Variation 11°09' East
14 35 Creek 70 links wide, Course South – Water 1½ feet
deep, Current swift and rocky bottom. About
7.00 chains SE. of the crossing of the line to the junction
of this stream with Big Blue river
15 05 Right bank of Creek – Leave bottom subject to in-
-undation bearing N & 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
31 and 32 T 9 N R 4 E

Level prairie
Soil 1st rate

A few Elm, Maple and Cotton wood trees skirt=
=ing the banks of the Creek –

Second Standard Parallel North
R 4 E

Along the South boundary of Section 31 Tp 9 N R 4 E
N 89° 57' W. on a true line
Variation 11° 09' East

30 00 Leave 2d. bottom and enter rolling land bearing S W. and N E.

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

54 55 Drain, Course South

61 75 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 36) Township 9 North, Ranges 3 and 4 East

First 30.00 chains level - the remainder gently rolling
Soil 1st rate

Second Standard Parallel North
R 3 E.

Along the South boundary of Section 36 Tp 9 N R 3 E
N 89° 57' W. on a true line
Variation 11° 09' East

17 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

46 80 Drain, Course S W

53 00 Ridge, bearing W. & S.

57 50 Drain, Course S W

63 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 Tp 9 N R 3 E

Gently rolling prairie
Soil 2d rate

Second Standard Parallel North
R 3 E.

Along the south boundary of Section 35 T 9 N R 3 E
N 89° 57' W on a true line
Variation 11° 05' East

13 50 Deep drain, Course SW
29 00 Summit of a Mound
37 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
57 50 Drain, Course South
70 00 Top of a ridge bearing N. and 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 9 N. R 3 E

Rolling prairie
Soil 2d. rate

Second Standard Parallel North
R 3 E

Along the South boundary of Section 34 T 9 N R 3 E
N 89° 57' W on a true line
Variation 11° 00' East

6 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.
54 85 Spring branch 10 links wide, Course South
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 9 N R 3 E

Rolling prairie
Soil; good 2d. rate

Second Standard Parallel North
R 3 E.

Along the South boundary of Section 33 T9N R 3 E
N 89°57' W. on a true line

Variation 10°55' East

16 00 Drain, Course SW
16 25 Drain, Course SE
32 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.
41 10 Drain Course South
60 60 Drain Course South
79 95 Spring branch 15 links wide, Course South
80 00 Corner in the branch. As the corner cannot be permanently located in its true place, I measure due East 16 links to the nearest suitable witness point where I set a post and deposited charred stake as per instructions for a "Witness Corner" to Sections 32 and 33 T9N R3E from which
An Elm 28 in. dia. bears N 70° E 15 links dist.
An Ash 10 in. dia. bears S 43° W 86 links dist.

Second Standard Parallel North
R 3 E.

A Burr Oak 10 in. dia. bears S 8° E 62 links dist
An Elm 30 in. dia. bears N 16° W 70 links dist
Enter bottom subject to inundation bearing N W. and SE

Gently rolling prairie
Soil 1st rate

Second Standard Parallel North
R 3 E

Along the South boundary of Section 32 Tp N R 3 E
N 89° 57' W. on a true line

Variation 10° 55' East

0 10 Right bank of branch bearing N & S
4 70 Left bank of Big Blue river bearing N 30° E & S 30° W
5 70 Right bank of river – Enter timber bearing N 30° E and S 30° W –. Water in river 100 links wide, 2½ feet deep and current rapid : Banks moderately high – Bottom quicksand
8 04 Box Elder 14 in. dia.
13 00 Leave timber and enter 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.
50 00 Bend in a Creek about 4.00 chains south of line
80 00 Set post and deposited charred stake with trench as per instructions for a corner to Sections 31 and 32 Tp N R 3 E from which

A Burr Oak 12 in. dia. bears N 48½° W 143 links dist.
A Burr Oak 10 in. dia. bears S 15½° E 423 links dist

Second Standard Parallel North
R 3 E.

Hickory 7 in. dia. bears S 40° 50' W 380 links dist.
No tree in Section 32 convenient to mark
Land level subject to inundation

Soil 1st rate

Box Elder, Elm and willow timber with undergrowth of the same, skirting the streams

35

Second Standard Parallel North
R 3 E

Along the South boundary of Section 31 Tp 9 N R 3 E
N 89° 57' W. on a true line
Variation 11°00' East

4 00 Creek 30 links wide, Course S E. Banks skirted with timber

25 70 Same Creek 30 links wide, Course N E

31 00 Same Creek 30 links wide, Course S E

37 00 Same Creek 30 links wide, Course N 70° E

40 00 Corner in the left bank of the Creek. As the corner could not be permanently located at this point I measure due north 20 links to the nearest suitable witness point where I set a post and deposited a charred stake as per instructions for a ~~quarter section corner~~ "Witness Corner" from which
A Cotton Wood 14 in. dia. bears S 48° E 176 links dist
An Ash 6 in. dia. bears S 20° W 123 links dist

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 9 North, Ranges 2 and 3

Second Standard Parallel North
R 3 East.

East

Level prairie, subject to inundation
Soil 1st rate

Scattering Elm, Box Elder, Burr Oak, Walnut, ash and maple timber skirting the banks of the Creek

Compared the measuring chains with the standard and found them correct
July 19th 1856

Second Standard Parallel North
R 2 E.

Along the south boundary of Section 36 T 9 N R 2 E
N 89° 57' W. on a true line

Variation 11° 00' East

3 00 Drain, Course SE

10 00 Leave bottom and enter rolling land bearing N E & S W.

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

50 80 Drain, Course SE

62 50 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 9 N R 2 E

Rolling prairie
Soil; good 2d. rate

Second Standard Parallel North
R 2 E

Along the South boundary of Section 35 T 9 N R 2 E
N 89° 57' W. on a true line

Variation 11° 00' East

4 50 Drain, Course South

20 40 Drain, Course SW

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

60 20 Drain, Course SW

62 70 Creek, 25 links wide, Course SE – Banks skirted with bushes and scattering Elm and Box Elder trees

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 9 N. R 2 E

First half mile rolling prairie – balance level
Soil 1st rate

Second Standard Parallel North
R 2 E.

Along the South boundary of Section 34 T 9 N R 2 E
N 89° 57' W. on a true line.

Variation 11° 00' East

24 00 Top of a Gentle elevation bearing N. & S.
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner
41 30 Drain, course NW
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 9 N R 2 E

Rolling prairie
Soil 1st rate

Second Standard Parallel North
R 2 E.

Along the South boundary of Section 33 T 9 N R 2 E
N 89° 57' W. on a true line

Variation 11° 05' East

2 80 Deep drain, course North
11 00 Top of a ridge 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
48 75 Drain, course North
54 00 A Ridge bearing N. & S.
71 10 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 32 and 33 T 9 N R 2 E

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 2 E

Along the South boundary of Section 32 Tp 9 N R 2 E
N 89° 57' W. on a true line
Variation 11° 07' East

8 00 Top of a ridge bearing N. and S.
15 70 Drain, Course North
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner.
75 25 Drain, Course N 30° W
80 00 Set a post in a mound and deposited a charred stake as per instructions for a "Witness Corner" 20 links East of the true corner to sections 31 and 32 Tp 9 N R 2 E. The true corner in a drain (descending NE) could not be permanently located, and therefore the necessity for establishing it by a Witness.

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 2 E.

Along the South boundary of Section 31 Tp 9 N R 2 E
N 89° 57' W. on a true line
Variation 11° 12' East

12 00 Top of a ridge bearing N. and S.
26 30 Deep drain, Course N 20° W
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
45 00 Top of Ridge bearing N. and S.
51 50 Drain, Course North
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 9 North, Ranges 1 and 2 East

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 1 E.

Along the South boundary of Section 36 Tp N R 1 E.
N 89° 57' W. on a true line

Variation 11° 33' East

5 30 Drain, Course North

37 95 Branch 20 links wide, Course N 20° E – Water in pools.

40 00 Set a post and deposited a charred stake, with trench as per instructions for a quarter section corner from which
A Cotton Wood 22 in. dia. bears N 62° E 296 links dist.
No other tree convenient to mark

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

Rolling prairie
Soil 1st rate

Second Standard Parallel North
R 1 E.

Along the South boundary of Section 35 Tp N R 1 E
N 89° 57' W. on a true line

Variation 11° 36' East

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

63 70 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 Tp N. R 1 E

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 1 E

Along the South boundary of Section 34 Tp N R 1 E
N 89° 57' W. on a true line

Variation 11° 45' East

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

64 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 33 and 34 Tp N. R 1 E

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 1 E.

Along the South boundary of Section 33 Tp N R 1 E
N 89° 57' W. on a true line

Variation 11° 45' East

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a ~~corner~~ 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 Tp N R 1 E

High rolling prairie
Soil 1st rate

Second Standard Parallel North
R 1 E

Along the South boundary of Section 32 Tp 9 N R 1 E
N 89° 57' W. on a true line
Variation 11° 55' East

13 30 Drain, Course N E
19 40 Drain Course S E
30 30 Drain Course North
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner
44 75 Drain Course N W
67 00 Drain Course N W
73 70 Branch 10 links wide Course North
78 00 Same branch 10 links wide 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 Tp 9 N. R 1 E

Rolling prairie
Soil 1st rate

Second Standard Parallel North
R 1 E

Along the South boundary of section 31 Tp 9 N R 1 E
N 89° 57' W. on a true line
Variation 11° 55' East

1 40 Branch 10 links wide, Course North
7 50 Same branch 10 links wide, Course S W
15 50 Same branch 10 links wide, Course North - its general Course N E.
19 50 Drain, Course South
33 30 Drain, Course S E
35 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
61 20 Drain, Course S E.
80 00 Intersected the 6th Principal Meridian at the post in a Mound for a corner to Townships 8 and 9 North, Ranges 1 East and 1 West

Second Standard Parallel North

R 1 E

Variation of the Needle as shown by Burts improved Solar Compass 11°50' East

Rolling prairie

Soil 2d. rate

Compared the measuring chains with the stand=
=ard and found them correct

July 20. 1856

General Description

The land along this line cannot be ranked better than fair 2d. rate, as will be seen by a careful examination of the Field Notes. Timber is very scarce. The best wooded portion of country being on Salt Creek and its tributaries. Nearly all the Creeks and branches afford an abundance of good Water, and some excellent springs were discovered in the vicinity of Big Blue River. No rock was found except a few Granite Boulders in the hilly district between Blue river and Salt Creek

There is a settlement being formed on Salt Creek, both North and South of the Parallel, the immigrants being chiefly from Iowa and Wisconsin. They report several saline springs about 6 miles North from where the line crosses the Creek, at some of which the manufactory of Salt has been successfully and profitably commenced.

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 Second Standard Parallel North of the Base Line in the Territory of Nebraska, between the Sixth Principal Meridian and the Guide Meridian East therefrom; 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	Rear-Flagman
Thomas A Bones	Axeman

Second Standard Parallel North

We hereby certify that we assisted Charles A Manners deputy Surveyor in Surveying the Second Standard Parallel in the Territory of Nebraska, between the 6th Principal Meridian and the Guide Meridian East therefrom, (along the South boundary of Township 9 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

Samuel Stover Fore Flagman

Edward L. Fant Jr. Rear Flagman

Mason Crouch } Fore Chainmen
William Barry }

George J. Turton } Rear Chainmen
William W R Clarke }

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 21st day of July 1856

William B. Hall

Justice of the peace

Second 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 Second Standard Parallel or Correction line along the south boundary of Township 9 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 peace for the County of Otoe in the Territory of Nebraska this 21st day of July 1856

William B. Hall
Justice of the peace

Surveyor Generals office
Lecompton K T 19 Jan 1857

The foregoing field notes of the Survey of the second 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 28 March 1856 in the months of June and July 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

Filed Aug 28 1855

Field Notes
of the Survey of the
Second Standard Parallel
North of the
Principal Base Line
for the
Territory of Nebraska.

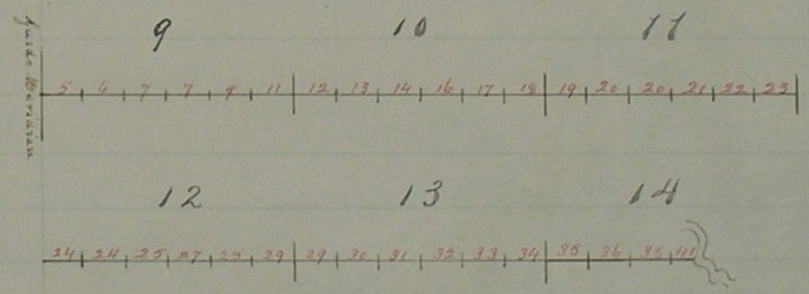
From its Beginning on the Guide Meridian at the corner to Townships Eight and Nine North, between Ranges Eight and Nine East. East to the Missouri River by Chas. A Manners
Deputy Surveyor

Commenced August 15th 1855
Completed August 23d 1855

Names and duties of Assistants

Cornelius B Keller } Fore-Chainmen
Samuel E Forsyth }
Elisha Diefendorf } Rear-Chainmen
John Mow }
George R Hoyt - Fore-Flagman
Joseph Wood - Rear-Flagman
Daniel H Wright - Axeman

Drawn Standard Parallel North of the Principle Base Line in Nebraska



Second Standard Parallel North. R9E.

Begin at a Limestone 36 in. long 15 in wide and 5 in. thick noticed as required by the printed instructions and marked with the following letters and figures: Viz: "T. 8." on the south side - "T. 9." on the North side, and "R. 9." on the East side - Said Stone being a corner to Townships 8 and 9 North (East of the Guide Meridian) between Ranges Eight and Nine East.

From thence I run

Along the South boundary of Section 31 T 9 N R 9 E East on a true line

Variation 10°39' East

13 50 A branch 15 links wide runs South - General Course S 30° E - banks high - steep and Miry - Water Clear - 1 foot deep, - and Current swift

33 55 An Indian trail bearing N 40° E and S 40° W

40 00 Set a Limestone 15 in. long 11 in. wide and 3¼ in. thick for a quarter section corner.

80 00 Set a Limestone 20 in. long 13 in. wide and 4 in. thick for a corner to Sections 31 & 32

Second Standard Parallel North. R9E.

Township 9 North, ~~between~~ Range 9 East
Rolling prairie - Soil 1st rate

Along the south boundary of Section 32, T9N. R9E.
East on a true line

23 00 A branch 5 links wide runs N 60° E

26 25 A branch 10 lks. wide runs South - 50 links north of this crossing to the mouth of the small branch above named

30 05 Same branch 10 lks wide runs North East

32 40 Same 10 lks wide runs S 40° W

35 00 Same 10 lks wide runs North

36 85 Same 10 links wide runs S 45° E

general Course of this branch S 50° E

40 00 Set a Limestone 19 in. long 13 in. wide and 3 in. thick for a quarter section corner

Compared measuring Chains with the standard and found them correct

August 15th 1855

Second Standard Parallel North - R9E.

80 00 Set a Limestone 22 in. long 12 in. wide and 2½ in. thick for a Corner to sections 32 & 33 T9N R9E - Gently Rolling prairie - Soil sandy 2d rate

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Along the South boundary of Section 33 T9N R9E
East on a true line

Variation 10° 12' East

28 50 A branch 6 links wide runs S 30° E

40 00 Set a Limestone 19 in. long 7 in. wide and 6 in. thick for a quarter section corner

80 00 Set a Limestone 17 in. long 9 in. wide and 5 in. thick for a corner to sections 33 & 34 T9N R9E
gently rolling prairie - Soil Sandy. 1st ½ mile 3d rate, - the remainder 2d rate.

Along the South boundary of Section 34 T9N R9E
East on a true line

Variation 10° 12' East

27 00 Enter bottom between a Creek and branch which

Second Standard Parallel North. R 9 E.

bears N 10° W and S 10° E

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

44 30 A Creek 40 links wide (water) 3 feet deep - Current moderate and muddy bottom runs N 50° E

48 00 Same Creek - Course 55° E

49 00 Left bank of Creek

53 25 Same Creek 40 links wide - water 3 feet deep banks 12 feet high - current swift & bottom miry - runs N 10° E

54 00 Enter scattering Elm and Box Elder timber with a thick undergrowth of brush and vines

57 00 Left brush and enter prairie bearing N 20° W and S 20° E

80 00 Set a Limestone 22 in. long 10 in. wide and 2½ in. thick for a corner to sections 34 & 35 T 9 N R 9 E

First 27.00 Chains rolling - the remainder level - soil sandy 2d rate. All prairie except a little

Second Standard Parallel North. R 9 E.

scattering Elm and Box Elder timber with undergrowth of the same kind skirting the right bank of the creek.

Along the South boundary of Section 35. T 9 N. R 9 E.

East on a true line

Variation 10° 18' East

On leaving this corner left the creek bottom and enter upland prairie

40 00 Set a Limestone 23 in. long 6 in. wide and 5 in. thick for a quarter section corner

51 00 A Creek (same noted in last mile) 40 links wide water 3 feet deep - Current moderate - gravel bottom - banks 12 feet high, steep and miry - Course S 50° E. Enter scattering timber on creek.

56 14 A Hackberry 16 in. dia.

57 40 Same Creek - Water 40 lks wide - 4 feet deep and runs North

59 78 A Hackberry 14 in. diam.

61 00 Same Creek again - Water 40 links wide - 3 feet

Second Standard Parallel North - T.9 E

Gravel bottom - Current rapid - Course S 45° E

63 90 Same Creek 40 links wide runs North

67 25 Same Creek 45 links wide runs S 20° E

70 00 Same Creek 40 links wide runs N 10° E

On the right or East bank of the creek, left the timber, bearing S 10° W & N 20° E

77 10 Same Creek again runs S 45° E - Water 35 links wide 3½ feet deep - Current swift. - banks 15 feet high - solid gravel bottom - & sides Miry -

80 00 Set a Limestone 15 in. long 12 in. wide and 3 in. thick for a corner to sections 35 & 36 T 9 N. R. 9 E. - This corner stands on the left bank of the creek

First ½ mile rolling Prairie - The remainder in the Creek bottom - subject to inundation and broken by the Creek, which is skirted with scrubby Black Walnut - Elm - Hackberry Box-Elder and Burr Oak timber of but

Second standard Parallel, or Correction Line North. R 9 E.

little value, with undergrowth of brush of the same kind

Compared measuring Chains with the standard and found them to agree

August 16 th 1855

Along the South boundary of Section 36 T 9 N R 9 E

East on a true line

10 00 mouth of a large Creek from South west bears South 8 ch. dist.

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

80 00 Set a Limestone 24 in. long 9 in. wide and and 5 in. wide for a corner to Township 9 North, Ranges 9 & 10 East - from which

An Ash 16 in. diam. bears N 35° E 48 links dist.

An Elm 15 in. diam. bears N 22° W 49 links dist.

No other trees convenient - The corner stone notches as per instructions and marked with the following letters and figures: Viz: "T. 9" on

Second Standard Parallel North - R 9 E
the north side - "R. 9." on the west side, and "R. 10." on the East side

Variation of the Needle 10° 21' East

All prairie - 1st mile rolling gently - the remainder level. Soil Sandy 2d rate

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Along the south boundary of Section 31 T 9 N R 10 E East on a true line

Variation 10° 21' East

2 00 A Creek 50 links wide and 3 feet deep Course North (same creek noted in last mile)

4 45 Same Creek 45 links wide runs S 50° E

40 00 Set a Limestone 22 in long 10 in. wide and 3 in. thick for a quarter section corner.

48 50 Same Creek 40 links wide - and water 4 feet deep with moderate Current runs North

53 20 Same Creek again 50 links wide Course S 45° E

54 96 Same Creek 45 links wide - Course N 50° E

Second Standard Parallel North - R 10 E

61 79 Same Creek again - Course S 20° W - Water 40 links wide - 4 feet deep and current swift - right bank low and miry - the left one 25 feet high (and solid) - General Course of Creek after crossing the line, South East

80 00 Set a post in a Mound with a charred stake 12 in. long under the post for a corner to Sections 31 and 32 T 9 N R 10 E. First 48.00 Chs level prairie - next 14 chs broken by the Creek which is skirted with scattering Elm, Box Elder and Cotton wood trees - last 18 chains dry rolling prairie. Soil sandy, 2d quality

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Along the South boundary of Section 32 T 9 N R. 9. E. East on a true line.

Variation 10° 21' East

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

Second Standard Parallel North - R 10 E.

42 85 A Creek (the same noted in the last mile) 50 links wide runs North - General Course North East - Water 3 feet deep - Current rapid - solid gravel bottom - banks 15 feet high - steep and miry

80 00 Set a Limestone 19 in. long 9 in. wide and 6 in. thick for a corner to sections 32 and 33 T 9 N. R 10 E

Level prairie - Good 2d rate Sandy soil.

August 17th 1855

Along the South boundary of Section 33 T 9 N. R 10 E

East on a true line

25 15 A Creek (the same noted in last mile) 50 lks wide, 3½ feet deep - current rapid - banks 15 feet high - solid gravel bottom - Course S 20° E. From this point the mouth of a large Creek from North West bears N 40° W 15 chs. dist.

40 00 Set a Limestone 18 in. long 8 in. wide and 4 in.

Second Standard Parallel North - R 10 E.

thick for a quarter Section corner

Compared the Measuring Chains with the Standard and found them correct

68 12 A branch 10 links wide - Course S 45° E - General course the same - at the same distance enter a small grove of timber bearing North and S.E.

69 37 Same branch 10 links wide banks 15 feet high, steep and miry - Course North East

70 70 Struck left bank of same Creek again 1.00 Chain South of the mouth of the branch - Course of Creek N 50° E - Water 50 links wide - 4 feet deep and current moderate -. Solid Gravel bottom - Channel deep - banks steep and miry -

73 45 Same Creek again, water 50 links wide and 4 feet deep runs S 15° E - General Course S 40° E. This stream supposed to be Little Nemaha river - Its general course for the last 9 miles is East, it having crossed our line Twenty times in that distance, and in no case departing a mile from the same. There is

Second Standard Parallel North - R 10 E

very little timber on it, and what there is, is low and scrubby - No rock have been found on it except a few scattering Granite Boulders in the Creek bottom -

On the East bank of this stream left small Grove of timber and enter prairie bearing N 20° W & S 15° E

30 00 Set a post in a Mound and deposited charred post under the post for a corner to sections 33 & 34. T 9 N. R 10 E.

Level prairie in the Creek bottom subject to inundation - Soil sandy 2d quality - The timber in the small Grove at the junction of the Creek and branch covers an area of about 4 acres, and consists of a second rate growth of white Elm - Box Elder - Ash, Hackberry & Burr Oak.

Along the south boundary of Section 34 T 9 N R 10 E East on a true line

Variation 9° 36' East

23 05 A branch 5 lks wide runs south

Second Standard Parallel North - R 10 E

30 30 A branch 5 links wide runs South

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

63 80 An Indian Trail leading N 80° E and S 80° W

80 00 Set a post in a Mound with a charred stake 12 in. long under the post for a corner to Sections 34 & 35 T 9 N R 10 E

From this corner the mouth of a large Creek from S 70° W. bears south 3/4 of a mile dist.

Rolling prairie - soil sandy 2d rate

Along the south boundary of Section 35 T 9 N R 10 E East on a true line

6 08 A spring branch 5 lks wide - Course south

8 20 An Indian Trail leading S 85° E and N 85° W.

39 00 Same Trail leading S 80° W and N 70° E

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

Variation of needle 10° 00' East -

Second Standard Parallel North R10E

80 00 Set a post in a Mound for a corner to sec=
=tions 35 & 36 T 9 N R 10 E
From this corner the general course of a large stream (supposed to be Little Nemaha river) for several miles from the line is S40°E,
Dry rolling prairie – Soil Sandy 2d. rate

Along the South boundary of Section 36 T9N R10E
East on a true line
10 00 A branch 5 links wide runs N55°E
40 00 Set a post in a Mound and deposited char=
=ed stake 12 in. long under the post for a quarter section corner
64 55 A branch 20 links wide runs South – Its general course S20°E – A fine running stream – good water
80 00 set a Limestone 18 in. long 8 in. wide and 6 in. thick for a corner to Township 9 N Ranges 10 & 11 East – Said stone notched as per printed instructions, and marked with the letters and figures following

Second Standard Parallel North – R. 10. E.

Viz: "T. 9." on the north side – "R 10" on the West side, and "R. 11." on the East side
Variation of the Needle 10° 06' East
Rolling prairie – Soil 2d. rate –

Along the South boundary of Section 31 T9N R11E
East on a true line
Variation 10° 06' East
5 95 A branch 5 links wide runs South West
40 00 Set a post in a mound with charred stake 12 in. long under the post for a quarter section corner
67 44 A branch 10 links wide – bourse South
80 00 Set a post in a Mound with a charred stake 12 in. long under the post for a corner to sec=
=tions 31 & 32 T9N R11E
Dry rolling prairie – Soil sandy 3d. rate

Along the South boundary of Section 32 T9N R11E
East on a true line

Second Standard Parallel North – R 11 E

40 00 Set a post in a Mound and deposited 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 9 in. long under the post for a corner to sections 32 and 33 T 9 N R 11 E

High Rolling prairie – Soil sandy 2d to 3d rate

Compared measuring chains with the Standard and found them correct

August 18th 1855

Along the South boundary of Section 33 T 9 N. R 11 E East on a true line

29 80 A branch 10. links wide runs S 10° E – General Course S 30° E

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

80 00 Set A post in a Mound and deposited

Second Standard Parallel North. R 11 E

charred stake 12 in. long under the post for a corner to sections 33 & 34 T 9 N R 11 E – This corner on a ridge extending N 20° E and S 20° W

Dry rolling prairie – Soil sandy 2d rate

Along the South boundary of Section 34 T 9 N R 11 E East on a true line

Variation 9° 40′ East

13 00 A slough branch or drain (water 4 lks wide – course South

40 00 Set a post in a Mound and deposited charred stake 12 in. long under the post for a quarter section corner – This corner on a dividing ridge running north and south

Variation of the Needle 9° 30′ East

80 00 Set a post in a Mound and deposited charred stake under the post for a corner to sections 34 & 35 T 9 N, R 11 E.

Variation of the Needle 9° 20′ East

High rolling prairie – Soil sandy 2d quality

Second Standard Parallel North - R 11 E

Along the south boundary of section 35 T 9 N R 11 E
East on a true line

Variation 9°20' East

27 65 A branch 12 links wide runs south - General course S 15° E - A clear running stream with deep channel - steep banks 10 feet high and miry bottom

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

45 20 A branch 5 links wide - Course S 20° W

78 45 A branch 5 lks wide - Course S W

80 00 Set a post in a mound and deposited charred stake 12 in. long under the post for a corner to sections 35 and 36 T 9 N R 11 E

Rolling prairie

Soil sandy 2d rate

On the last half mile found a difference between the measuring chains - Compared them with the standard and found the fore-

Second Standard Parallel North - R 11 E.

chain correct, but the rear-chain one eighth of an inch too long. - Adjusted it to standard measure

August 19th 1855 -

Along the south boundary of Section 36 T 9 N R 11 E
East on a true line

Variation 9° 51' East

19 20 A branch from N 50° E runs S 80° W - 5 lks wide

40 00 Set a post in a mound and deposited 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 under the post for a corner to Township 9 North, Ranges 11 & 12 East

Variation of the Needle 10° 10' East

High rolling prairie - soil sandy 2d rate

Along the south boundary of section 31 T 9 N. R 12 E.
East on a true line

Second Standard Parallel North. R 12 E.

Variation 10° 10′ East

15 00 A branch 6 lks wide – Course N 15° E

40 00 Set a post in a Mound and deposited a charred stake 12 in. long under the post for a quarter section corner, which stands on a westerly slope of a hill

43 00 Top of a hill or ridge extending N 20° E & South.

60 00 A slough or drain now dry – Course N 7° E

80 00 Set a post in a Mound and deposited charred stake 12 in. long under the post for a corner to sections 31 & 32 T 9 N. R 12 E

All prairie ridged and rolling – soil 2d rate

Along the South boundary of Section 32 T 9 N R 12 E East on a true line

Variation 10° 10′ East

22 00 Top of a ridge extending North & South

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

Second Standard Parallel North – R. 12. E.

47 33 A branch 5 links wide runs N 40° E about 6.00 chs. and then N 70° E to its junction with a larger branch

60 00 Top of a ridge between branches extends S 20° W and N 20° E

74 83 A branch 7 lks wide – Course N 15° E 3.00 chs. to its junction with a smaller branch from the westward and thence N 45° E –

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

High prairie – ridged and rolling – Soil sandy 2d rate.

Along the south boundary of section 33 T 9 N. R 12 E. East on a true line

40 00 Set a Limestone 20 in. long 12 in. wide and 3 in. thick for a quarter section corner

49 50 A branch 10 links wide – its banks lined with brush, and a young growth of Elm and Blk Walnut

Second Standard Parallel North - R 12 E.

timber - Course N.E. 1 chain to its mouth -

50 50 struck the right bank of a creek in a bend, bearing N 30° W - Enter creek bottom. bears N.W.S.

52 00 Left the Creek bank - bears N 50° E

58 90 Same Creek - Course S 20° E - water 25 links wide, 1 foot deep & current swift. Banks 15 feet high & miry -

61 35 Same Creek - 25 lks wide - Course N E

68 05 Same Creek again 25 links wide - Course South. General Course S 45° E

80 00 Set a Limestone 22 in. long 15 in. wide and 3 in. thick for a corner to Sections 33 and 34 T 9 N. R 12 E. - This corner on level prairie in Creek bottom -

All prairie except the banks of the Creek which are lined with bushes, and small clumps of Elm, Box Elder and Cotton wood trees. First 50 chs Rolling - soil 3d rate - The remaining 30 chs in the creek bottom broken by the stream and subject to inun=

Second Standard Parallel North - R 12 E.

=dation - Soil good, but hardly 1st rate. Compared measuring chains with the standard and found them correct

August 20th 1855

Along the south boundary of section 34 T 9 N R 12 E East on a true line

20 00 Left creek bottom and enter upland prairie bear=-ing NW of S E

34 92 A branch 10 links wide runs S 10° E

39 45 A branch 10 links wide - Course S 10° W - These Two branches unite about 3.00 chains below the crossing of the line, and then run S 40° W to the Creek

40 00 Set a Limestone 18 in. long, 14 in wide and 3 in thick for a quarter section corner (on the East or left bank of the branch

67 00 Top of a ridge extending north and south

78 25 bottom of a hollow or drain runs south

80 00 Set a Limestone 24 in. long 12 in. wide and

Second Standard Parallel North. R12E.

3 in. thick for a a corner to sections 34 & 35 T9N. R12E.

All prairie - The first 20.00 chs low and marshy, unfit for cultivation - The remainder dry and rolling soil 2d. rate

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Along the South boundary of Section 35 T9N. R12E East on a true line

13 55 a Slough branch - water 4 links wide - Course S 15° W.

40 00 Set a Limestone 20 in. long 10 in. wide and 4 in. thick for a quarter section corner - This corner in a hollow descending to the Southward

60 00 A branch 6 links wide runs south - Water running & clear - channel 3 feet deep & banks miry -

80 00 Set a Sandstone 30 in. long 10 in. wide and 2½ in. thick for a corner to sections 35 & 36 T 9N R12E - This corner on a Westerly slope

High rolling prairie - good 2d. rate land

Second Standard Parallel North - R12E

Along the South boundary of Section 36 T9N R12E East on a true line

40 00 Set a Limestone 18 in. long 11 in. wide and 4 in thick for a quarter section corner.

78 60 A branch 15 links wide runs S 15° W

80 00 Set a Sandstone (mixed with fossil shells) 18 in long 16 in. wide and 4 in thick for a corner to Township 9 North between ranges 12 and 13 East - Marked with the Notches as per instructions, and also with the following letters and figures, Viz: "T. 9." on the north side - "R. 12." on the West side, and "R 13" on the East side, Variation of the Needle 10° 25' East

High rolling prairie - good 2d. rate land

Along the South boundary of Section 31 T9N R13E East on a true line

Variation 10° 25' East

40 00 Set a Limestone 22 in. long 12 in. wide and

Second Standard Parallel North - R 13 E

2 in. thick for a quarter section corner

47 00 Leave upland and enter Swampy prairie bearing N 60° W and S 50° E

55 00 Leave Swamp and enter upland bearing S 50° E and N 60° W

80 00 Set a Limestone 20 in. long 12 in. wide and 2½ in. thick for a corner to Sections 31 & 32 T 9 N. R 13 E -

All prairie - gently rolling - soil good 2d. rate except in the swamp which is unfit for cultivation.

Along the south Boundary of Section 32 T 9 N R 13 E East on a true line

20 25 A slough branch (water) 4 links wide runs south until 3 ch. from the line, and then S 50° W to the upper end of a swamp

40 00 Set a Limestone 17 in. long 10 in. wide and 4 in. thick for a quarter section corner

48 10 A wagon Road (supposed to be the Road from

Second Standard Parallel North - R 13 E

Nebraska City to Fort Leavenworth via the head of Vermillion Creek in Kansas Territory) bears N 40° E and S 40° W

80 00 Set a Limestone 30 in. long 12 in. wide and 2 in thick for a corner to sections 32 & 33 T 9 N R 13 E

High rolling prairie - 1st half mile soil 2d. rate - The last ½ mile 1st. quality.

Along the South boundary of Section 33 T 9 N. R 13 E. East on a true line

40 00 Set a Limestone 21 in. long, 12 in. wide and 3 in. thick for a quarter section corner.

58 75 A Wagon road from Nebraska City towards Fort Kearney leads N 70° W and S 45° E

68 00 Top of a dividing ridge between the waters of the Missouri and Little Nemaha rivers bears North West and South East

80 00 Set a Limestone 23 in. long 14 in. wide and

Second Standard Parallel North - R 13 E

2 in. thick for a corner to sections 33 and 34 T 9 N R 13 E

High rolling prairie soil 1st rate - Compared the measuring chains with the standard and found them correct

August 21st 1855

Along the south boundary of Section 34 T 9 N R 13 E East on a true line -

Variation 10° 30' East

28 50 A branch 5 links wide - Course North about 1 chain to its junction with a branch 10 links wide that comes from the West and runs East

40 00 Set a Limestone 22 in. long 10 in. wide and 3 in. thick for a quarter section corner

79 20 A branch 7 links wide runs N. E. 1 chain to a larger branch (Walnut Creek) that comes from the West and runs North 50° E

80 00 Set a Limestone 17 in. long 12 in. wide and 3 1/2 in. thick for a corner to sections 34 & 35 T 9 N. R 13 East. This corner on the East or

Second Standard Parallel North R 13 E

right bank of the branch last crossed. Dry rolling prairie Soil 1st rate -

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Along the south boundary of Section 35 T 9 N. R 13 E. East on a true line

Variation 10° 33' East

40 00 Set a Limestone 20 in. long 12 in. wide and 3 in. thick for a quarter section corner

74 90 A Wagon road leads N 70° E and S 70° W

80 00 Set a Limestone 18 in. long 12 in. wide and 3 in. thick for a corner to sections 35 & 36 T 9 N R 13 East - From this corner a settler's cabin (not yet finished) bears S 15° E 6.00 ch. distant -

Dry, rolling prairie Soil 1st rate

Note - On the South west quarter of this section there is an improved Field and settler's cabin, but the latter not vis=

Second Standard Parallel North
R 13 E

-ible from any of our stations on the line. Its Estimated bearing and distance from the South West corner of Sec. 35 is N 20° E 25.00 Chains –

Along the South boundary of Section 36 T 9 N R 13 E East on a true line

Variation 10°39' East

40 00 Set a Limestone 30 in. long 9 in. wide and 3 in. thick for a quarter section corner

80 00 Set a Limestone 28 in. long 12 in. wide and 6 in thick for a corner to Township Nine North, between Ranges Eight and nine East – Said stone notched as per instructions and marked with the following letters and figures: Viz: "T. 9." on the North side – "R. 13." on the West side – and "R 14." on the East side –

Variation of the Needle 10°40' East

Second Standard Parallel North. R 13 E.

Gently rolling prairie – soil 1st rate

× Along the South boundary of Section 31. T 9 N. R 14 E. East on a true line

Variation 10°40' East

0 60 A Wagon Road leading from Nebraska City to the country – leads N 70° W and S 60° E

15 65 A Wagon Road leading from the one last crossed to the bluffs of missouri river bears S W & N E

40 00 Set a Limestone 18 in. long 6 in. wide and 6 in thick for a quarter section corner.

46 00 Enter an improved field bearing N 10° W & S 10° W

(59.00) 59 00 A settler's House in same field bears South

65 00 Left same field near its north East corner bears as before S 10° W & N 10° E – The north and South boundaries of this field running at right angles to those intersected by the line.

65 60 A wagon Road bears S 10° W and N 30° E

80 00 Set a Limestone 16 in. long 10 in. wide and 5 in. thick for a corner to sections 31 and 32

Second Standard Parallel North - R 14 E
T 9 N - R 14 East - From this corner the
same settler's House bears S 68½° W
gently rolling prairie - Soil 1st rate

Along the South boundary of Section 32 T 9 N R 14 E
East on a true line
31 00 A Wagon Road leading from Nebraska City
up the Missouri River leads N 20° W and
S 20° E
33 00 enter Scattering timber bearing N 20° W & S 20° E
40 00 Set a Limestone 15 in. long 9 in. wide and
5 in. thick for a quarter section corner
(in a hollow) from which a
A Burr Oak 14 in. diam. bears N 31½° W 102 lks dist.
An Elm 10 in. diam. bears S 20° W 126 lks dist.
54 00 Top of a high ridge runs North & South
61 00 bottom of a hollow 50 feet deep, running par=
=allel with the ridge last noted
66 50 Summit of the bluffs on the right bank
or side of Missouri River, which bears

Second Standard Parallel North. R 14 E
N 30° W and S 30° W - Top of the bluffs
about 60 feet above the bed of the river,
and their Easterly slope forming an angle
of depression of 35°
74 50 Foot of the bluffs running parallel with the
summit - at this distance enter a swamp
bearing N 30° W and S 30° E
80 00 Set a Limestone 15 in. long 13 in. wide
and 3 in. thick for a corner to sections
32 & 33 T 9 N. R 14 East from which an
Elm 12 in. diam. bears S 80° E 45 lks dist.
An Elm 12 in. diam. bears S 23° E 59 lks dist
An Elm 20 in. diam. bears N 5° E 73 lks dist
A Cotton Wood 6 in. diam bears N 68° E 32 lks dist
The bearing trees at this corner could not
be obtained at opposite points of the Com=
=pass, but those most nearly so were marked
to perpetuate the corner -

First 33.00 chains
gently rolling prairie - soil 1st. rate. From

Second Standard Parallel North—
R 14 E.

thence to the foot of the bluffs the surface broken by high ridges and deep hollows and covered with scattering Burr Oak, Black Oak and Elm timber of inferior quality — Undergrowth of brush chiefly Hazel — soil poor. The remaining 5½ chains a low quicksand marsh, overgrown with Flags, rushes, Weeds and willows, and (now) covered with Water —

August 22d 1855

Along the South boundary of Section 33 Tp N R 14 E. — East on a true line

Variation 10° 40' East

4 50 Left the swamp bears N 30° W & S 30° E —
4 99 A Cotton Wood 16 in. diam.
7 04 a Cotton Wood 12 in. diam
15 22 An Elm 8 in. diam.
27 40 Set a temporary post on the west bank of a

Second Standard Parallel North. R 14 E

slough or Bayou of Missouri River from which a Cotton Wood tree 15 in. in diam. bears N 5° W 43 links distant — This slough now nearly dry but has a little water in it — Obtained the distance across it by triangulation as follows: Viz: set a post in line on the East bank from which I run due south 8 chains and Five links to a Station from which the post on the right or West bank bears N 38° 18" W — making the distance between the posts on the line 6 Chains and 35¾ links. And hence the post on the East or left bank = 27.40 + 6.35¾ = 33 35¾ chs East of the Quarter section corner.

The East and west or right and left banks of the Slough are parallel to each other and bear, North & S 5° E — From the temporary post on the left bank we measure East 6 Chains and 64¼ links and at

40 00 set a post for a quarter section corner and

Second Standard Parallel North - R 14 E

deposited a charred stake 12 in. long under the post from which a

A Cotton Wood 22 in. diam. bears N 65° E 70 lks dist.

A Cotton Wood 14 in. diam. bears S 31° W 50 lks dist.

40 20 A Wagon Road leading North and South - its termini not known

44 45 A wagon Road leading from the one last crossed N 55° E

63 90 A wagon Road (termini unknown) leads N 10° W and S 10° E

66 94 A Cotton Wood 28 in. diam.

73 92 A Cotton wood 20 in. diam.

80 00 Set a post with a charred stake under it 12 in. long for a corner to sections 33 and 34 T 9 N R 14 East, from which

A Cotton Wood 20 in. diam. bears N 41° W 126 lks dist

A Cotton Wood 14 in. diam. bears N 26½° E 64 lks dist.

A Cotton Wood 15 in. diam. bears S 51° E 35½ lks dist.

An Ash 7 in. diam. bears S 56¼° W 91 lks dist.

First 5 chains a miry swamp, the remainder

Second Standard Parallel North. R 14 E.

all in the river bottom and level, with a deep rich soil, subject to inundation. Timber - fair 2d rate cotton wood, with a mixture of Elm, Hack-berry and Locust. Throughout the mile a thick undergrowth of Cotton-Wood - Swamp Dog-wood, Willows and prickly Ash brush overgrown and matted together with Green briers and vines

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Along the South boundary of Section 34. T. 9 N. R 14 East

East on a true line

5 00 left the timber and enter thick cotton wood brush bearing North and south

13 75 the west bank of the main Channel of the Missouri River - bears North & S 10° W

23 52 Intersected the water's Edge of Main channel of the missouri River the west or right Outline of which bears North and S 20° W - As the corner could not be permanently

Second Standard Parallel North
R 14 E.

established at this point, I returned on the line West 10 chains and 52 links to a point 13 chains East of the corner to Sections 33 & 34 and there established a Witness corner to the true marginal corner by setting a post with a chared stake 14 in. long under it, and raising a Mound in conformity to instructions, Equal in size to a Township corner — Said post in a mound being a witness to the South East corner of Fractional section 34 T 9 N R 14 E — The post is marked the same as if it were a regular section corner, except that the notching was omitted and the letters "M.C." for Meander corner marked upon the East face of the same.

Variation of the Needle 10°40' East

No trees of sufficient size in the vicinity of this corner to witness it — Compared measuring chains with the standard and found them correct.

Second Standard Parallel North. R 14 E.

First Five chains fair 2d. rate cotton wood timber — the next 9.00 chains a thick growth of Cotton wood brush, with occasional small patches of willows — The remainder of the distance to the waters' Edge a barren sand beach — No part of this fractional section fit for cultivation — All of it subject to inundation to the depth of several feet —

August 23d. 1855

General Description

The country through which this Parallel passes is generally high rolling prairie destitute of rock with the exception of scattering granite boulders, and almost without timber. Where there is timber it is usually low and scrubby, and ill-adapted to the wants of the mechanic or farmer for building or fencing — The soil is

Second Standard Parallel North. R148

not better than fair 2d quality until within from 6 to 10 miles of the Missouri River, when it changes to 1st rate. Within this last distance all the settlements are found. The water is generally good, and runs with a rapid current. August 23d 1855

A list of the names of Individuals employed to assist in running, measuring or marking, the lines or corners described in the Foregoing field-notes of the second standard parallel north of the principal base line, showing the respective capacities in which they acted:

Cornelius B Keller } Fore-Chainmen
Samuel E Forsyth }
Elisha Diefendorf } Rear-Chainmen
John Mow }
George R Hoyt — Fore-Flagman
Joseph Wood — Rear-Flagman
Daniel H Wright — Axe-Man

Second Standard Parallel North

We hereby Certify that we assisted Charles A Manners deputy Surveyor, in surveying the Second Standard parallel north of the Principal Base Line from its Beginning at the corner to Townships Eight and Nine North, between Ranges Eight and nine East of the Sixth Principal Meridian, EAST, to the Missouri river: 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

Cornelius B Keller } Fore-Chainmen
Samuel E. Forsyth }
Elisha Diefendorf } Rear-Chainmen
John Mow }
George R. Hoyt — Fore-Flagman
Joseph Wood — Rear-Flagman
Daniel H. Wright — Axeman

Second 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 Twenty Fourth day of August 1855

Miles W. Brown
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 Second Standard Parallel or Correction line (North of the principal Base Line) from its BEGINNING at the corner to Townships Eight and Nine

Second Standard Parallel North

North, between ranges Eight and Nine East of the Sixth Principal Meridian-East, to the Missouri River, 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 Otoe County, in the Territory of Nebraska, This Twenty Fourth day of August, 1855

Miles W. Brown
Justice of the Peace

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113

Surveyors Office at
Wyandott. Sept. 20. 1855

The foregoing field notes of the Survey of the Second 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 month of August 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

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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.